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The 1984–1987 Solar Maximum Mission Event List

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INTRODUCTION

This document is an interexperiment compilation of solar burst activity observed by the Solar Maximum Mission (SMM) during the calendar years 1984 through 1987. Data from the following instruments are included:

- 1. Gamma-Ray Spectrometer (GRS)
- 2. Hard X-Ray Burst Spectrometer (HXRBS)
- 3. Flat Crystal Spectrometer (XRP-FCS)
- 4. Bent Crystal Spectrometer (XRP-BCS)
- 5. Ultraviolet Spectrometer and Polarimeter (UVSP)
- 6. Coronagraph/Polarimeter (C/P)

Also included are X-ray, radio, and optical data from the National Oceanic and Atmospheric Administration/U.S. Air Force solar observing network.

Several mission milestones affected data gathering. The following table documents those milestones:

- 1. February 14, 1980
- SMM launch.
- 2. March 3, 1980
- Light bulb on FCS crystal drive mechanism fails inhibiting crystal runs during 1980.
- 3. June 1980
- One HXIS microprocessor fails
- 4. September 23, 1980
- Final C/P image due to failure of the C/P Main Electronics Box.
- 5. November 23, 1980
- End of pointed observations due to Attitude Control System fuse failures.
- 6. June 1981
- HXIS fails.
- 7. November 1983 -April 1984
- Severely limited tape recorder usage due to conservation efforts prior to repair.
- 8. April 1984
- Repair mission restores fine pointing control and replaces C/P Main Electronics Box. Observations were not full-time until May due to spacecraft checkout.
- 9. April 26, 1985
- UVSP loses commandability of wavelength drive. Remains in UV continuum near 1385A (second order) after this date.
- 10. January 08-24, 1986
- On board computer memory failure.
- 11. January 28-30, 1986 and February 12-28
- Comet Halley observations.
- 12. December 7, 1986
- C/P Tape recorder C fails.
- 13. April 1, 1987
- C/P resumes operations at reduced rate using tape recorder A.

The SMM instruments had a wide range of spectral and temporal capabilities. Consequently, observed burst structure, timing, and evolution for a single event could differ greatly between the instruments, creating some

ambiguities in correlating events. Additional ambiguities occurred when full disk instruments observed superposed bursts and limited field of view instruments observed only one source region.

Bursts observed by HXRBS formed the basis for this list. The instrument viewed the whole sun and high sensitivity data were taken continuously except during orbital night and South Atlantic Anomaly (SAA) passages. The HXRBS events were correlated with GOES X-ray, radio and optical data primarily by time coincidence, but also by burst magnitudes, profiles, and durations. observed by GRS were then incorporated. Flares in which the impulsive phase was not observed due to night or SAA were supplied by the additional BCS and FCS detected events. Other low temperature events without high energy signatures, such as those related to filament disruptions, were also added (GOES X-ray, radio, and optical data were included for the new events). C/P coronal mass ejections were incorporated, but with few correlations with other SMM When ground-based H-alpha observers reported the likely source, this information was included. The UVSP experiment file was scanned, and information on experiment modes, wavelength, etc. was added. Finally, the SMM computer pointing log was surveyed to provide the spacecraft location at the time of each event.

Every event observed during the mission has been assigned a unique event number, ranging between 1 and 12776 for events observed by HXRBS, and between 20001 and 23444 for events not observed by HXRBS. In this listing all information for each event is displayed in a multi-line block, one line per instrument. The first line gives the 'event time' (GOES peak time if available), the day of year (DOY) of the event, and the SMM pointing latitude, longitude, pitch, yaw, roll, and heliocentric angle. Lines for Optical, GOES, HXRBS, GRS, XRP-BCS, XRP-FCS, UVSP, C/P, Radio (Sweep Frequency), and Radio (Discrete Frequency) data follow if the information is available. In addition, on a particular line, entries are printed only if the item of information is available. Some events that were catalogued as separate events may actually be part of another event. In these cases, the 'associated event' information is listed immediately after the 'primary event,' separated by a dashed line.

Each instrument team has compiled individual event listings, most of which include more data than recorded here. Requests for those listings should be addressed to the appropriate Principal Investigator. Requests for access to the computer file from which this listing was derived should be made to the SMM Project Scientist. Software for manipulation of this file resides on the SMM Data Analysis Center VAX computer.

Many individuals on each instrument team were involved in the generation of the data used in this document. Without their efforts this compilation would not have been possible. The descriptive text for each instrument was provided by the individual instrument team.

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Gamma-Ray Spectrometer (GRS)

The Gamma-Ray Spectrometer was a wide field of view X-ray, gamma-ray, and neutron spectrometer which recorded energetic photons with energies from 10 keV to greater than 100 MeV and neutrons with energies greater than 50 MeV. High resolution energy spectra were recorded between 300 keV - 9 MeV with 16.384 s temporal resolution. Higher time resolution (64 ms, 1.024 s, and 2.048 s) is available in some energy windows. Further instrumental details can be found in Forrest et al. (Solar Physics 1980, 65, 15).

The following list of events includes only those solar flares identified by an increase in the observed counting rate between 300 - 400 keV. The identification procedure uses a combination of visual and computer based search techniques. The visual technique employs manual inspection of the counting rates in the main spectrometer channels 10 through 30 which corresponds to an energy loss interval of 298 - 445 keV. The computer technique uses a comparison of a predicted rate based on a running average with the observed rate to search for events with a large rate of change of count rate. Both techniques are most efficient for impulsive events.

The search techniques also identify a number of non-solar transients. Those transients include cosmic gamma-ray bursts, particle precipitation events, and transients generated by orbiting nuclear reactors. The procedure for identification of reactor induced transients and particle precipitation events is described in Rieger et al. (Nature, 244, 441). Cosmic gamma-ray bursts are identified by the absence of associated GOES events, their positions (when available from the interplanetary network), short durations, and hard spectra.

Description of GRS entries:

- Start time expressed as hour:minute:second. All GRS times are based on 16.384 s Major Frame Pairs (MFP) required for a spectral accumulation between 0.3 and 9 MeV. Start time is the beginning time of the series of MFP which contains significant counts ≥300 keV. Therefore, the times and durations may diagree with other observations by up to 16.384 s.
- 2. End time in 300 keV flux, expressed in hour:minute:second.
- 3. Max.E.MeV the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
- 4. >10MeV 'Y' indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

- 5. Neutrons 'Y' flags events for which there is strong evidence that GRS has recorded delayed counts from a flux of solar neutrons giving energy loss >10 MeV.
- 6. Dur Duration of event in seconds (see warning note in description of start time above.

Additional information is available in the GRS Flare and Cosmic Burst data sets maintained at the the University of New Hampshire. Contact the Principal Investigator for access to these data.

Hard X-Ray Burst Spectrometer (HXRBS)

The Hard X-Ray Burst Spectrometer [L.E. Orwig, K.J. Frost, B.R. Dennis. Solar Physics 1980, 65, 25] was an actively-shielded CsI(Na) scintillation crystal with a sensitive area of 71 cm² and a circular field of view with a 40 degree FWHM. Thus, the whole sun was observed with no spatial information.

The basic scientific data from HXRBS consist of the counting rate recorded every 128 ms in each of 15 pulse-height channels. In-orbit calibration data showed that these channels covered the energy-loss range from 25 to 440 keV immediately after launch and then drifted slowly to higher energies since that time.

In addition to the 128 ms spectral data, an on-board circulating 32K-word memory stored count-rate data for the bigger flares with finer time resolution. The number of counts with a pulse-height between the bottom edge of channel 1 and the top edge of channel 15 was recorded in fine time intervals of 10, 5, or 1 ms as indicated by the flags "M", "M5" or "M1" respectively. The absolute time of all counting rate data is known to an accuracy of a few milliseconds, except where noted in the listing, thus allowing detailed comparisons to be made with other coincident observations.

Most of the events in this listing were discovered in the HXRBS data within a day after the observation. An average of about 90% of the SMM data was received at the Experimenters' Operations Facility at Goddard Space Flight Center a few hours after data transmission to the various ground stations. The 24-hour data base was scanned each day for flares by plotting the counting rate in channel 2 as a function of time with 16 s time resolution. A flare which produced a 10% increase in counting rate lasting for a few seconds could be reliably detected above the 12 counts s-1 background rate typically measured in channel 2. This corresponds to a detection threshold level of approximately 10-3 photons cm⁻² s⁻¹ keV⁻¹ at 30 keV. Once an event had been discovered in this way, a standard plot of counting rate versus time was made with the counts in all 15 channels added together. Generally, a time resolution of 1.024 s was used for this plot with a time scale of 1 or 2 minutes per inch depending on the duration of the event. (Photographic copies of these particular plots are produced on microfiche and are available from the National Space Science Data Center, Code 601, NASA/GSFC, Greenbelt, MD 20771.)

Each legitimate event was given a number, referred to as the HXRBS event number, that uniquely identifies the burst. The event numbers generally follow a chronological sequence, as most events were identified within 24 hours of their occurrence. A few bursts, however, were only discovered several months later upon scanning through the complete data set provided on magnetic tape by

the Information Processing Division (IPD) at GSFC. These IPD flares are flagged in the listing with the letter "I," and their event numbers are generally out of chronological sequence.

The event number, the start time, the peak time and the duration are given for every event in the listing. These times are generally accurate to approximately 5 s. The peak counting rate summed over all 15 channels is also listed. This rate was obtained from a rate versus time plot with a time resolution of 1.024 s. It is the total rate including the pre-flare background rate of about 40 counts s⁻¹ as indicated in Figure 1. For the larger flares, i.e. those with peak rates exceeding 100 counts s⁻¹ and/or durations of greater than 200 s, the total number of counts recorded during the flare in excess of the pre-flare background is also listed. This gives an indication of the overall size of the burst.

A comprehensive listing of all events detected with HXRBS from launch to December 1987 is provided in "The Hard X-ray Burst Spectrometer Event Listing 1980 - 1987" [B.R. Dennis et al., NASA Technical Memorandum 4036], and a complete event listing covering the entire mission will be published as a NASA Technical Memorandum in Fall 1991.

Description of HXRBS entries:

- 1. Start time expressed as hour:minute:second.

 Peak time expressed as hour:minute:second.

 End time expressed as hour:minute:second.
- 2. Peak...c/s peak rate in counts per second. This is the total rate in the full energy range covered by the instrument (channels 1-15) and does not have the pre-flare background rate subtracted (see Figure 1).
- 3. Qual Quality code as defined below:
 - 1- Entire event observed
 - 2 Start of event not observed
 - 3 End of event not observed
 - 4 Start and end of event not observed
 - 11 Entire event observed, but data missing due to night, SAA or other causes.
 - 12 Start of event not observed and data missing during event
 - 13 End of event not observed and data missing during event
 - 14 Start and end of event not observed and data missing during event
- 4. Tot Cts Total Counts, represents the integrated number of counts detected with HXRBS during the flare in excess of the pre-flare rate (see Figure 1).
- 5. MaxkeV the high energy edge in keV of the highest channel showing any increase in rate during the flare.

- 6. FLAGS the definitions of the letters in this column are as follows:
 - M Memory data available with 10 ms time resolution.
 - M1 Memory data available with 1 ms time resolution.
 - M5 Memory data available with 5 ms time resolution.
 - I Event discovered well after the event time, in data provided by the Information Processing Division.
 - SN Event started in spacecraft night.
 - EN Event ended in spacecraft night.
 - IN Event interrupted by spacecraft night.
 - SA Event started when SMM was in the South Atlantic Anomaly (SAA).
 - ES Event ended when SMM was in the SAA.
 - IS Event interrupted by the SAA.
 - SG Event started in a data gap.
 - EG Event ended in a data gap.
 - DG Data gaps during event.
 - AX Event is probably the result of passage through trapped charged particles.
 - ND Noisy data.
 - NS Possible non-solar event.
 - FS Event contains one or more fast spikes with durations of less than one second.
 - EW Experiment status file contains wrong on-time information.
 - GB Event is a Gamma-Ray Burst.
 - + Insufficient space to print all existing flags.

NOTE: The presence of an asterisk following the HXRBS header line indicates the following conditions for the following events:

EVENT #	COMMENT
6890	Gain change. Energy range 32.8 to 575 keV.
6890-6892	Time on flare optical disk is high by 2.41s.
6891-6892	Gain change. Energy range 14.0 to 215 keV.
6894	Time on flare optical disk is high by 2.41s.
6897-6941	Time on flare optical disk is high by 2.41s.
6946-6959	Time on flare optical disk is high by 2.41s.
6961-7035	Time on flare optical disk is high by 2.41s.
8007	Gain change. Energy range 32.8 to 575 keV.
8223	Time on flare optical disk is high by 1.024s.
8285-8286	Gain change. Energy range 19.5 to 301 keV.
8327-8328	Time on flare optical disk is low by 1.922s.
8349	Gain change. Energy range 19.9 to 305 keV.

8399	Gain change.	Energy range 169 to 2112 keV.
8555	Gain change.	Energy range 20.3 to 312 keV.
8628	Time on flare	optical disk is high by .298s.
8629	Time on flare	optical disk is high by .306s.
8632	Time on flare	optical disk is high by .09s.
8633	Time on flare	optical disk is high by 1.689s.
8634	Time on flare	optical disk is high by 1.713s.
8635-8636	Time on flare	optical disk is high by 1.725s.
8637	Time on flare	optical disk is high by 1.837s.
8638	Time on flare	optical disk is high by 1.928s.
8639	Time on flare	optical disk is high by 1.964s.
8640	Time on flare	optical disk is high by 1.975s.
12728	Gain change.	Energy range 14.0 to 215 keV.

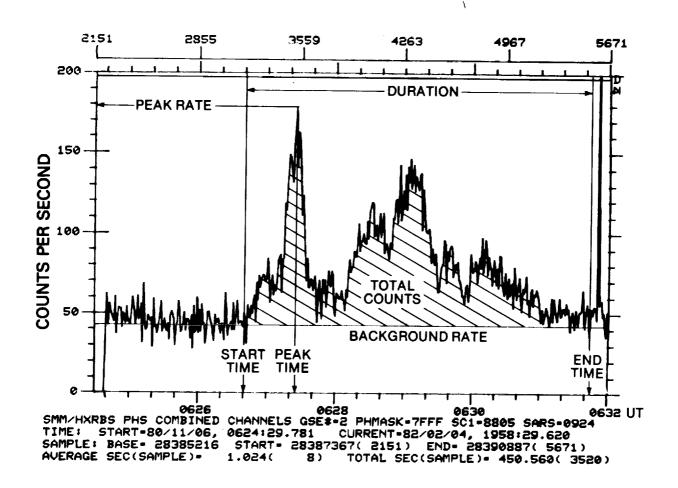


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end time, duration, peak rate, and total number of counts are indicated as they are determined for inclusion in the event listing.

X-Ray Polychromator (XRP)

The primary objective of the X-Ray Polychromator [Acton et al., Solar Physics 1980, 65, 53] was to study the physical conditions in the corona for a variety of solar phenomena. This was achieved through the use of two complementary instruments: the Bent Crystal Spectrometer (BCS), which continuously monitored the spatially integrated high temperature flux from flares, and the Flat Crystal Spectrometer (FCS), which could image an area of up to 7 arcminutes square in six bright spectral lines simultaneously, or make rapid scans over a wide wavelength range or at high resolution across individual line complexes. XRP gathered data during the peak of solar cycle 21 (February to November 1980), during its decline (following the in-orbit repair of SMM in April 1984), and through the rise phase of cycle 22, until November 1989, when spacecraft fine-pointing was lost prior to reentry.

The XRP experiment was conceived to observe the spectral region between 1.4 and 22.4 Å. In the temperature regime of solar active regions and flares (2 - 50 million K), this region exhibits a rich emission-line spectrum. The experiment was especially prepared to take advantage of the plasma diagnostic opportunity offered by the spectra of helium-like ions and their satellites [Gabriel and Jordan, in McDaniel and McDowell (eds.), Case Studies in Atomic Collisions 1972, (Amsterdam:North-Holland), 2, 209]; [Dubau and Volonte, Rep. Prog. Phys. 1980, 43, 199].

The BCS had eight bent Bragg crystal spectrometers with position-sensitive detectors covering important X-ray lines of highly-ionized calcium and iron. It was collimated to 6 arcminutes FWHM and was capable of changing its time resolution from 11 s to less than 0.5 s by using dynamic memory and sacrificing The BCS was sensitive to the high-temperature spectral coverage or resolution. (T > 10 million K) component of the flare plasma; the data are used to determine electron temperature, emission measure, dynamics, and elemental abundances of the plasma, and to look for nonequilibrium effects. For large events, the measured BCS count rates must be corrected for a dead time of about 40 microseconds, part of which depends on the position of photons along the anode. At sufficiently high count rates, (e.g., from GOES mid-X class flares), spectral distortion resulted. At lower rates, there was a simple suppression of the count rate. The suppression was a 10% effect at about 2550 counts s-1 (corresponding to about a GOES class M4 flare). The maximum observable count rate in BCS Channel 1 was 8760 counts s-1, corresponding to an incident rate of 23800 counts s⁻¹.

The FCS had seven Bragg crystal spectrometers that could be scanned in wavelength over a broad spectral range. At the "home position" of the wavelength drive, each of seven channels could monitor the emission from a prominent soft X-ray line. An additional channel produced a coarse-resolution solar white light image which could be used for coregistration. The FCS was

sensitive to a wide range of temperature (2 million K < T < 70 million K) and hence could detect everything from quiescent active regions to flares. By scanning its wavelength drive, the FCS could access an even wider range of soft X-ray lines and measure Doppler broadenings and shifts. However, electrical and mechanical problems with the FCS wavelength drive limited its ability to take spectra. (In 1980 only four FCS experiments involving wavelength scans were run; about 400 were run throughout the mission.) The FCS isolated specific areas in the corona for study by using its narrow 14 arcsecond collimation. Images could be built up by a series of raster scans across the region of interest, with alternate lines in opposite directions.

Over the life of the mission, several of the BCS and FCS detectors became BCS detectors 2 and 8 (high resolution Fe K-alpha and FE XXVI Lyman-alpha) failed during 1980; BCS detectors 1, 3, 4, 5, 6, and 7 operated throughtout the mission, with slow gain changes over time requiring occasional gain step adjustments. FCS detector 6, with its CA XIX resonance peak offset from home position, failed in 1980; FCS detector 2 (Ne IX at home position) failed in February 1985. After June 1987, FCS detectors 1, 3, and 4 (O VIII, Mg XI, and Si XIII at home position), the remaining low-energy detectors, were used only in campaign mode, to conserve the remaining gas supply for these thin-window flow counters as far as possible into cycle 22. August 1988, the FCS wavelength drive had lost scanning capability, although it could still be repositioned to the peaks of bright emission lines for imaging. April 1989, the flow-detector gas supply for detectors 1 and 3 was exhausted, and the FCS became a flare imaging instrument only. The detector histories and observing sequences, including the default and special observing modes, are detailed in the XRP Users' Guide and its accompanying appendices. catalogue of the FCS spectroscopic experiments run is also available.

The XRP Event Listing catalogues soft X-ray flares detected by the BCS instrument. For each event, the Start Time, Peak Time, and End Time in BCS Channel 1 (the Ca XIX channel) are given. The Start Time occurred when the BCS Ca XIX count rate rose above the background level up to 18 counts s⁻¹ and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given,

even if these are not above background level. (A valid Ca XIX event may not have a corresponding valid event in the hotter Fe XXV channel.)

The FCS entries in the XRP Event Listing should be used with care. An event observed by the BCS was not necessarily observed by the FCS, even if the FCS was operating. The FCS could have been pointed away from the flare site at the time of the event, in a "sit and stare" mode (in which the raster drive was at rest), or in a spatial raster which did not include the flare site or did not sample the flare site at the time of the flare. The quoted FCS peak time is often the starting time of the most recent FCS raster map; this is given only if the raster duration included a BCS peak time, but no check was made on whether the flare site was included in the raster. If the FCS was in a "sit and stare" mode, the location was typically either the brightest pixel of a previous FCS raster map, or the FCS boresight, neither of which was necessarily the flare site. Thus, the quoted peak intensity may not be associated with the flare itself; it could simply be the maximum intensity in a raster map, a peak in "sit and stare" lightcurve data taken at a location possibly other than the flare site, or a peak in spectral data associated with scanning a bright emission line.

NOTE: The count rates and times in the XRP Event Listing should not be used directly for analysis, but rather as a guide for selecting data for a given study. Any analysis program should refer to the original data. Particular care should be used in dealing with Event Listing entries with rates near the 18 counts s⁻¹ threshold. Furthermore, derivation of physical parameters from BCS spectra for events with less than about 50 counts s⁻¹ may be difficult.

Description of XRP-BCS Entries:

- 1. Start Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 2. Peak Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 3. End Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 4. Ca Peak..c/s peak BCS Ca XIX channel count rate in counts s-1.
- 5. QUAL quality code from 1 to 8, indicating completeness of the observation:
 - 1 entire event observed
 - 2 only start of event observed
 - 3 start and peak of event observed
 - 4 peak and decay of event observed
 - 5 only decay of event observed
 - 6 no data, or bad data
 - 7 only rise and decay observed (e.g., peak lost due to SAA)
 - 8 only peak observed (including 20% rise and 20% decay)
- 6. FePeak time of maximum count rate in Channel 4 (Fe XXV low resolution channel), not necessarily above the background level.

- 7. Fe Peak..c/s peak BCS channel 4 (Fe XXV) count rate in counts s⁻¹, not necessarily above the background level.
- 8. # peaks number of peaks in Ca XIX observed, where intensities changed by at least 20%.
- 9. dt BCS accumulation time in seconds.
- 10. XEN XRP event number.

Description of XRP-FCS Entries:

- 1. Peak Time expressed as hour:minute. Note caveats above on relating this time to BCS event.
- Peak3 FCS Detector #3 (Mg XI channel) peak intensity in counts s⁻¹. Note caveats above on relating this intensity to the BCS event.
- 3. Rast raster size in arcseconds. Note: Rast=0"x0" denotes a "sit and stare" mode with the raster drive at rest.
- 4. Step raster step size in arcseconds (also the image pixel size). Possible step sizes were 5", 10", 15", or 20". Note: Step=0" implies a "sit and stare" mode.
- 5. Cad (cadence) duration of the FCS mode, e.g., the time to complete one raster (in seconds if < 10000 sec, in minutes if > 10000 sec); this is also the repeat time for a series of like rasters.
- 6. s/pixel dwell time in seconds at each pixel in the raster.

Additional data information is available in the "XRP Master Event File" stored in the SMM Data Analysis Center's VAX computer. Contact the XRP Principal Investigator for access to this file.

Ultraviolet Spectrometer and Polarimeter (UVSP)

The Ultraviolet Spectrometer and Polarimeter [Woodgate et al., Solar Physics 1980, 65, 73] on SMM consisted of a Gregorian telescope, a polarimeter consisting of two retarders and a linear polarizer, an Ebert-Fastie spectrograph, and five photomultiplier detectors (four used in second order, 1170 - 1780A and one in first order, 1780 - 3600A). The telescope secondary was rasterable in 1" or greater increment steps over a field of view of 256" x 256", and a novel slit wheel offered a choice of 22 sets of entrance apertures and four or five corresponding exit slits. UVSP was thus able to sample several spectral lines simultaneously (or nearly so), or, by use of beamsplitting prisms behind the exit slits, to obtain Doppler velocity information in one or two spectral lines. wavelength drive allowed stepping of the spectrograph grating in increments of approximately 5 mA (in second order). Detector gating could be as short as 32 In normal operations, all of the mechanisms were controlled by a 4096word (16-bit) computer, which allowed the definition of a broad variety of experiment sequences. A Coalignment Adjustment System (CAS) allowed offsetting the entire UVSP for better alignment with other instruments of independent pointing.

Description of UVSP entries:

Unlike the entries of the higher energy instruments, the UVSP event list entries describe whatever the instrument was doing during the time of the flare, regardless of whether or not the flare was observed by UVSP. The data in each entry consist of:

- 1. Start time Experiment start time (UT) expressed in hour:minute.
- 2. Wavelength in A, good to the nearest 4A (second order). If the experiment involved moving the wavelength drive, this is the initial (shortest) wavelength of the sequence.
- 3. Code Time code indicating the following:
 - 0 experiment includes the time of peak GOES emission
 - 1 experiment includes ten minutes before the GOES peak
 - 2 experiment includes ten minutes after the GOES peak
- 4. Exp # UVSP experiment number. Each UVSP experiment is identified by a unique number, that in turn identifies the disk or tape file containing the data: data from experiment nnnn will be found in playback (final data) file Vnnnn.PB (.FD).
- 5. Rast total size of the raster pattern, or, for a single pixel experiment, the aperture size, in arcseconds. The first dimension is North South (spacecraft Y-axis, UVSP x-axis), the second, East West (spacecraft Z-axis, UVSP y-axis).

- 6. Step secondary mirror step size, in arcseconds; zero for experiments in which the secondary mirror was not rastered ("sit and stare" experiments).
- 7. Pitch, Yaw Raster center coordinates relative to disk center; these will differ from spacecraft pointing only when CAS motions have offset UVSP relative to the spacecraft boresight.

Coronagraph/Polarimeter (C/P)

The High Altitude Observatory Coronagraph/Polarimeter [R.M. MacQueen et al., Solar Physics 1980, 65, 91] was an externally occulted, white-light coronagraph which recorded the solar coronal radiance from Thomson-scattered electrons (through a broad-band filter, 500-535 nm wavelength) and the presence of hydrogen alpha emission from cool ejecta at the solar limb (through a 654.3-658.3 nm filter). Images were recorded in total intensity and in three different planes of linear polarization. Images were obtained in a time cadence as rapid as once per several minutes or as infrequently as several times per orbit.

The list of coronal mass ejections stems from a visual examination of all video images obtained by C/P and analyzed by direct video display. Consecutive images were "toggled" and changes in the corona were readily apparent to the viewer in most cases. In the more obscure cases, images were digitally subtracted pixel-by-pixel from an earlier base image, thereby enhancing faint or subtle changes that occurred during the time between the images. A complete listing of SMM mass ejections is provided in "A Catalogue of Mass Ejections Observed by the Solar Maximum Mission Coronagraph" [O.C. St. Cyr and J.T. Burkepile, NCAR Technical Note 352 1990]. A "revised and expanded" edition of this catalog will be published by December 1991.

Any user of the information on the C/P list should be aware that it is derived from two-dimensional images and thus represents a "projection" onto a plane normal to the sun-earth line. In particular, measured position angles can be directly converted to solar latitudes only for structures near the solar limb. Measured speeds are similarly components projected on a plane.

Description of C/P entries:

- 1. Start time expressed in hour:minute. The 'start' time is the time of the earliest coronagraph image on which the primary structure identified as the mass ejection (for example, a bright loop) is visible within the coronagraph field of view.
- 2. PA the location of the event center described in position angle, measured in the conventional sense (from solar north to east). The center is calculated as the mid-point between the position angles of the bright edges of the mass ejection "primary structure" at its greatest extent.
- 3. Extrapolated Start Time An extrapolated start time can be determined for those mass ejections with speed measurements. A linear least-squares fit of the event's data points on a time versus height plot yields the speed directly. The intersection of the line with altitude one

- R (i.e. the solar limb) produces an extrapolated departure time. The extrapolated start time thus represents an estimate of the time of the initiation of the mass ejection, assuming an initial altitude of one R and assuming a constant velocity.
- R and assuming a constant velocity.

 4. Comments some entries also include comments on the visual appearance of the event. More comprehensive descriptions of each event are available from HAO.

Ground-Based, Radio, and GOES X-Ray Data

Most of the ground-based and all radio and GOES X-ray data were supplied by the NOAA/USAF network observatories and geosynchronous sensors. When no ground-based data on a particular event was available from the network, the Solar and Geophysical Data Prompt and Comprehensive Reports issued by the World Data Center-A were consulted.

GOES data entries were extracted from the Space Environment Services Center (SESC) "Edited Events" and "Solar Events" listings. On the occasion that neither of these lists were available for correlation with HXRBS and XRP events, the GOES times were visually extrapolated from the GOES 3-second average plots.

Optical flare correlations were based primarily on time coincidence with instrument-detected events. Locations given indicate flare site, not SMM pointing. SMM pointing information, when available, is supplied elsewhere in the entry. Multiple optical flare reports are listed when other regions produced flares in coincidence with the instrument-detected event. The first optical event listed is that which best corresponds to the SMM-detected event. There are also entries indicating multiple bursts detected by the SMM instruments for single optical and soft X-ray flares.

The following descriptions and definitions should aid in deciphering the ground based data. For more comprehensive definitions consult the pamphlet "Descriptive Text - Contents of Preliminary Report and Forecast of Solar-Geophysical Data Activity", available from the Space Environment Services Center (SESC) at the address below:

NOAA/SEL R/E/SE2 325 Broadway Boulder, CO 80303-2238

Description of optical entries:

- 1. Ha Classification Indicates size and brightness of flare in the form XY where X is one of the following area codes:
 - S Subflare (area < 2.0 sq. degrees)
 - 1 Importance 1 (2.1 \(\) area \(\) 5.1 sq. degrees)
 - 2 Importance 2 (5.2 \(\) area \(\) 12.4 sq. degrees)
 - 3 Importance 3 (12.5 \(\) area \(\) 24.7 sq. degrees)
 - 4 Importance 4 (area 2 24.8 sq. degrees)
 - and Y is one of the following brightness codes:
 - F faint
 - N normal
 - B brilliant

For non-flare reports, the following codes are used to describe the event:

BSL - Bright surge on limb

LPS - Loop prominence system

ASR - Active surge region

SPY - Spray

EPL - Eruptive prominence on limb

APR - Active prominence on limb

- 2. Location Location of the flare in heliographic coordinates.
- 3. Region # (AR) SESC-assigned active region number.
- MacIntosh sunspot classification (Mac.) Three letter descriptive code (Zpc) indicating white light configuration of sunspot group:
 - Modified Zurich class A through H
 - **p** -Describes penumbra of largest spot in group:

x = no penumbra

r = rudimentary

s = symmetric

a = small asymmetric

h = large symmetric

k = large asymmetric

c -Sunspot distribution:

x = single spot

o = open

i = intermediate

c = compact

- 5. Heliocentric angle (H.Ang.) Value in degrees of the angular displacement between the optical flare location and the actual Sun center point.
- Carrington Longitude (Carr.Lon.) Carrington Longitude in degrees of the optical flare location.

Description of discrete frequency radio burst entries:

Flux unit peak value above pre-burst background at frequencies of 245, 415, 606, 1415, 2695, 4995, 8800, and 15400 MHz. 1 flux unit = 10^{-22} Wm⁻²Hz⁻¹

Description of sweep frequency radio event entries:

Type and intensity of dynamic radio events in the 25-75 MHz range. Type codes are:

Type I - Long lived dekametric continuum burst

Type II - Slow drift burst

Type III - Fast drift burst

Type IV - Broadband smooth continuum burst

Type V - Brief continuum burst associated with Type III

Intensity codes are:

- 1 minor
- 2 significant
- 3 major

Description of GOES entries:

- Start time expressed in hour:minute. Start time of X-ray burst (based on one minute averages of 3 second data).
- Peak time expressed in hour:minute.
- End time expressed in hour:minute. Time when flux level decays to point halfway between maximum level and pre-flare background.
- Importance Classification of burst according to peak energy in Wm⁻², 1-8A band. Form of code is Zn where Z is:
 - $A < 10^{-7}$

 - B > 10^{-7} , < 10^{-6} C > 10^{-6} , < 10^{-5} M > 10^{-5} , < 10^{-4} X > 10^{-4}

and n is a numerical multiplier from 1 to 9. Thus, a C3 burst indicates a peak flux of 3 x 10⁻⁶ Wm⁻².

- Quality Code (Qual) the code indicates where the GOES X-ray bursts occur in relation to SMM day/night transitions and passages through the South Atlantic Anomaly:
 - 0 No correlation of event with GOES data
 - 1 Entire event observed
 - 2 Only start of event observed
 - 3 Start and peak of event observed
 - 4 Peak and decay of event observed
 - 5 Only decay of event observed
 - 6 No GOES data available during event

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1984 - 1987 SOLAR MAXIMUM MISSION EVENT LISTING

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				84/01/02	D0Y=2			
Event # = 6792 84/01/02,15:15 Start GOES 15:09 HXRBS 15:14:58	DOY=2 Peak 15:15 15:15:50	End times 15:19) 15:16:41	Importance=B1 Peakc/s=83	Qual=01 Qual=01		MaxkeV=120	Flags=EW	
				84/01/04	D0Y=4			
Event # = 2201 84/01/04,11:08 Start GOES HXRBS 11:08:34	D0Y=4 Peak 11:08:36	End times 5 11:08:48	Peakc/s=69	Qual=00 Qual=01		MaxkeV=65	Flags=I	
Event # = 6793 84/01/04,12:46 Start GOES 12:14 HXRBS 12:46:31	D0Y=4 Peak 12:46 12:47:08	End times 13:07 3 12:47:45	Importance=B3 Peakc/s=74	Qual=04 Qual=01 Tot	Tot Cts=793	MaxkeV=65		
				84/01/05	D0Y=5			
Event # = 6794 84/01/05,12:25 Start GOES HXRBS 12:22:59	DOY=5 Peak 12:25:00	End times 0 12:25:47	Peakc/s=128	Qual=00 Qual=01 Tot	Tot Cts=6569	MaxkeV=148		
				84/01/24	D0Y=24			
Event # = 6795 84/01/24,04:13 Start Optical GOES 04:08 HXRBS 04:08:40	D0Y=24 Peak 04:13 04:09:37	End times 04:18 7 04:10:51	HaClass=SF Importance=C3 Peakc/s=114	N11E72 Qual=01 Qual=01 Fot	AR4399 Cts=3438	Mac.=DKC MaxkeV=65	Carr.Lon.=85deg	H.Ang=73deg
				84/01/25	D0Y=25			
Event # = 6796 84/01/25,02:49 Start Optical Optical GOES 02:36 HXRBS 02:47:38	D0Y=25 Peak 02:49 02:49:01	End times 02:55 02:50:19	HaClass=SF HaClass=SF Importance=C1 PeakC/s=66	\$06W42 N16E38 Qual=01 Qual=01 Tot	AR4396 AR4398 Cts=6375	Mac.=DSO MaxkeV=65	Carr.Lon.=186deg Carr.Lon.=106deg	H.Ang=42deg H.Ang=43deg
				84/01/26	D0Y=26			
Event # = 6797 84/01/26,00:46 Start Optical GOES 00:34 HXRBS 00:49:01 Radio Sweeps Radio Frequen	D0Y=26 Peak 00:46 00:49:01 Type/1	# = 6797 26,00:46 DOY=26 Start Peak End times 100:34 00:46 01:05 00:49:01 00:49:01 00:52:16 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	HaClass=SB N16E26 AR4398 Mac.=EKI Carr.Lon.=10 Importance=M3 Qual=04 MaxkeV=65 Flags=SG Peakc/s=95 Qual=02 MaxkeV=65 Flags=SG II/1 III/3 IV/1 245/460 410/130 606/470 1415/100 2695/220 4995/330 8800/840 15400/560	N16E26 Qual=04 Qual=02 '1 606/470 1415/	AR4398 100 2695/22	Mac.=EKI MaxkeV=65 0 4995/330 8800/	Carr.Lon.=106deg Flags=SG 840 15400/560	H.Ang=34deg

2067				84/01/28	3 D0Y=28			
Event # = 6/98 84/01/28,23:44 Start	DOY=28 Peak	End times						
Optical GOES 23:41 HXRBS 23:43:15		31	HaClass=SF Importance=C2 Peakc/s=60	N15¥18 Qual=01 Qual=01	AR4391 Tot Cts=524	Mac.=EKI MaxkeV=65	Carr.Lon.=111deg	H.Ang=27deg
				84/01/29	007=29			
Event # = 6319 84/01/29,07:29 Start	DOY=29 Peak End	times						
GOES HXRBS 07:28:57	07:29:10	29:38	Peakc/s=60	Qual=00 Qual=01		MaxkeV≖65	Flags=I	
Event # = 6799 84/01/29,22:32 Start	DOY=29 Peak End	End times						
Optical GOES 22:22	22:32	22:40	HaClass=SN Importance=C2	N11W07 Oual=05	AR4399	Mac.=DKC	Carr.Lon.=88deg	H.Ang≃18deg
HXRBS 22:38:21	22:38:28	40:59	Peakc/s=82		Tot Cts=2056	MaxkeV≖65	Flags=SG	
Event # = 6800 84/01/29,22:46 Start	D0Y=29 Peak	End times						
Optical GOES 22:40	22:46		HaClass=SN Importance=C4	N11W07 Oual=03	AR4399	Mac.=DKC	Carr.Lon.=88deg	H.Ang=18deg
HXRBS 22:41:25	22:43:22	22:44:15	Peakc/s=73		Tot Cts=2365	MaxkeV=65		
1007 - 11				84/01/31	D0Y=31			
Event # = 0501 84/01/31,00:36 Start	DOY=31 Peak	End times						
GUES HXRBS 00:34:57	00:36:35	00:37:43	Peakc/s=84	Qual=00 Qual=01	Tot Cts=3039	MaxkeV=149	Flags=AX,EW	
2000				84/02/01	D0Y=32			
84/02/01,00:13 Start GOES 00:11 HXDRS 00:11	00Y=32 Peak 00:13	End times 00:15 00:14.22	Importance=C1 Deak c/s=65	Qual=01	704 (42-140)	CC L-Medica		
1				2	004 22	וומאאכא-120		
Event # = 6803 84/02/02,03:03	D0Y=33	1		04/ 05/ 05				
Optical	reak	_	HaClass=SB	N12W49	AR4399	Mac.=DKC	Carr.Lon.=88deg	H.Ang=52deg
WXRBS 02:58:56	02:59:39	03:00:24	<pre>importance=t3 Peakc/s=103</pre>	Qual=01	Tot Cts=1773	MaxkeV=65		

DOY=33 Beak End times Importance=C6 IB:40:22 NI34/7 Qual=01 Qual=01 AR439B IOF C4s=20220 Mac.=EKO HaxkeV=65 DOY=34 Bar 18:50 IB:18:34 IB:29 IB:18:34 IB:20 IB:18:34 IB:20 IB:20 IB:18:34 IB:20									
18:44 18:50 mportance=C6 qual=01 Tot Cts=20220 MaxkeV=65 18:40:21 mportance=C8 qual=01 Tot Cts=20220 MaxkeV=65 18:18:34 mportance=C3 qual=04 Tot Cts=606 MaxkeV=65 18:18:34 mportance=C3 qual=04 Tot Cts=606 MaxkeV=65 18:18:34 mportance=C3 qual=04 Tot Cts=606 MaxkeV=65 18:18:34 mportance=C3 qual=05 Tot Cts=4190 MaxkeV=65 18:18:35:02 22:39:08 Peakc/s=78 qual=05 Tot Cts=28290 MaxkeV=120 22:57:59 23:02:44 Peakc/s=345 qual=02 Tot Cts=28290 MaxkeV=120 22:35:02 22:39:08 Peakc/s=345 qual=02 Tot Cts=2910 MaxkeV=120 22:35:02 22:39:08 Peakc/s=92 qual=03 Tot Cts=3910 MaxkeV=120 22:35:02 22:39:08 Peakc/s=92 qual=03 Tot Cts=3910 MaxkeV=65 22:46:21 22:13:00 Peakc/s=61 qual=02 Tot Cts=398 MaxkeV=65 21:46:21 21:46:59 Peakc/s=61 qual=02 Tot Cts=2185 MaxkeV=65 21:46:21 21:46:59 Peakc/s=61 qual=01 Tot Cts=2185 MaxkeV=65 21:46:21 21:39 Peakc/s=91 qual=01 Tot Cts=2185 MaxkeV=65 21:21:21:21 21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 21:21:21:21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 21:21:21:21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 21:21:21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 21:21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 21:21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 21:21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 22:21:21:21:21:21:39 Peakc/s=73 qual=01 Tot Cts=2185 maxkeV=65 23:41:41:41:41:41:41:41:41:41:41:41:41:41:	1t # = 6804)2/02,18:44 Start	1		N)=ose[7] en	N13477	802707	Mac =FK0	Carr, Ion, =107ded	H. Ana=79dea
18:40:52 18:43:53 PeakC/S=3/7 Qual=01 Tot CLS-20220 MaxkeV=65 18:18:34 18:18:47 PeakC/S=79 Qual=01 Tot CLS-606 MaxkeV=65 18:18:34 18:18:47 PeakC/S=79 Qual=01 Tot CLS-6190 MaxkeV=65 18:18:34 18:18:47 PeakC/S=78 Qual=01 Tot CLS-6190 MaxkeV=65 18:18:34 PeakC/S=78 Qual=00 Tot CLS-6190 MaxkeV=92 22:57:59 23:02:44 PeakC/S=78 Qual=01 Tot CLS-8290 MaxkeV=149 22:57:59 23:02:44 PeakC/S=345 Qual=02 Tot CLS-28290 MaxkeV=149 22:35:02 22:39:08 PeakC/S=345 Qual=01 Tot CLS-28290 MaxkeV=120 22:35:02 22:39:08 PeakC/S=92 Qual=01 Tot CLS-3910 MaxkeV=92 22:35:02 22:39:08 PeakC/S=61 Qual=01 Tot CLS-388 MaxkeV=92 22:4146:21 21:46:59 PeakC/S=61 Qual=01 Tot CLS-38 MaxkeV=65 21:46:21 21:46:59 PeakC/S=61 Qual=01 Tot CLS-2185 MaxkeV=65 21:46:21 21:46:39 PeakC/S=91 Qual=01 Tot CLS-2185 MaxkeV=65 21:21:21:21:21:21:39 PeakC/S=73 Qual=01 Tot CLS-2185 MaxkeV=65 21:21:21:21:21:39 PeakC/S=73 Qual=01 Tot CLS-2185 MaxkeV=65	18:38	18:44	18:50	Importance=C6	Qual=01	Tot Cts-3020	Mayboll-ER		n 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
B4/02/03 D0Y=34 B4/02/03 D0Y=34 B4/02/03 B1/02 B	35 18:39:5	18:40	18:43:23	Peakc/s=3//	dua।=01	01 CLS=20220	MAXKEV=00		
18:18 18:18 18:29 18:20 18:29 18:29 18:20 18:2	nt # = 6805	D0Y=34			84/02/03				
DOV=34 Peak End times 22:57:59 23:02:44 Peakc/s=78 Qual=00 DOV=35 Peak End times 22:35:02 22:39:08 Peakc/s=345 Qual=02 DOV=36 DOV=36 DOV=36 End times 22:10:41 22:13:00 Peakc/s=92 DOV=37 Peak End times 100=37 Peak End times 100=30 100=37 Peak End times 100=30 10	Start 5 18:11 8S 18:18:1	Peak 18:20 18:18	End time 18:29 18:18:47	Importance=C3 Peakc/s=79	Qual=04 Qual=01	Tot Cts=606	MaxkeV=65		
22:57:59 23:02:44 Peakc/s=78 Qual=00 Tot Cts=4190 Maxkev=92 Bov=35 Bov=35 Bov=35 Bov=35 Bov=35 Bov=35 Bov=36 Bov=35 Bov=36 Bov=37 Bov=37 Bov=37 Bov=37 Bov=37 Bov=37 Bov=39 Bov=37 Bov=39 Bov=37 Bov=39 Bov=37 Bov=39 Bov=30	ot # = 6806 02/03,22:57 Start	l l	End times						
D0Y=35 Peak 84/02/04 D0Y=35 Peak End times Qual=00 Tot Cts=28290 MaxkeV=149 22:35:02 22:39:08 Peakc/s=345 Qual=00 Tot Cts=28290 MaxkeV=149 B0Y=36 B4/02/05 D0Y=36 MaxkeV=120 B0Y=36 R4/02/05 D0Y=37 B0Y=37 R4/02/06 D0Y=37 B0Y=37 R4/02/06 D0Y=39 B0Y=39 Qual=00 AR4411 MaxkeV=92 B0Y=39 R4/02/08 D0Y=39 MaxkeV=65 B0Y=42 R4/02/11 D0Y=42 D0Y=42 B0A=42 R4/02/11 D0Y=42 D0Y=42 B0A=42 R4/02/11 D0Y=42 D0Y=42 B0A=42 R4/02/08 D0Y=42 D0Y=42 B0A=43 <td>GOES HXRBS 22:57:0</td> <td>22:57</td> <td></td> <td>Peakc/s=78</td> <td>Qual=00 Qual=02</td> <td>Tot Cts=4190</td> <td>MaxkeV=92</td> <td>Flags=SG</td> <td></td>	GOES HXRBS 22:57:0	22:57		Peakc/s=78	Qual=00 Qual=02	Tot Cts=4190	MaxkeV=92	Flags=SG	
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22:35:02 22:39:08 Peakc/s=345 Qual=02 Tot Cts=28290 MaxkeV=149 D0Y=36 Feak End times	nt # = 6807 02/04,22:35 Start	DOY=3 Peak	End times						
DOY=36 R4/02/05 DOY=36 Peak End times 22:14 22:15 Importance=C1 Qual=01 Qual=02 Tot Cts=3910 MaxkeV=120 22:10:41 22:13:00 Peakc/s=92 84/02/06 DOY=37 DOY=37 Peak 84/02/06 DOY=37 DOY=37 Peak Qual=00 Qual=02 Tot Cts=538 MaxkeV=92 21:46:21 21:46:59 Peakc/s=61 Qual=02 AR4411 Mac.=DAO 84/02/08 DOY=39 Peak End times HaClass=SB NO9E09 AR4411 Mac.=DAO 16:03 AR4411 Mac.=DAO 16:03:43 16:07 Importance=M1 Qual=01 Qual=01 Tot Cts=2185 MaxkeV=65 16:03:43 16:03:53 Peakc/s=91 Qual=01 Tot Cts=2185 MaxkeV=65 Peak End times Peak End times Peak Qual=01 Tot Cts=2185 MaxkeV=65	s 22:33:2			Peakc/s=345	Qua1=00 Qua1=02	Tot Cts=28290	MaxkeV=149	Flags=SG	
DOY=36 Peak End times 22:14 22:15 22:10.41 22:13:00 Peakc/s=92 Qual=01 Qual=02 DOY=37 Peak End times DOY=39 Peak End times For t cts=3910					84/02/05				
DOY=37 Peak End times 21:46:21 21:46:59 Peakc/s=61 Qual=00 DOY=39 Peak End times HaClass=SB NO9E09 AR4411 Mac.=DAO 16:03:43 16:03:53 Peakc/s=91 Qual=01 Tot Cts=2185 MaxkeV=65 DOY=42 Peak End times 21:21:21:21 21:21:39 Peakc/s=73 Qual=01 RaxkeV=65 Qual=01 RaxkeV=65 Qual=01 RaxkeV=65	nt # = 6808 02/05,22:14 Start S 22:10 BS 22:09:4	D0Y=36 Peak 22:14 3 22:10:4]	End times 22:15 1 22:13:00		Qual=01 Qual=02	Tot Cts=3910	MaxkeV=120	Flags=SG	
DOY=37 Peak End times 21:46:21 21:46:59 Peakc/s=61 Qual=00 21:46:21 21:46:59 Peakc/s=61 Qual=02 Tot Cts=538 MaxkeV=92 BOY=39 Peak End times 16:03 16:07 Importance=M1 Qual=01 Tot Cts=2185 MaxkeV=65 16:03:43 16:03:53 Peakc/s=91 Qual=01 Tot Cts=2185 MaxkeV=65 BOY=42 Peak End times Qual=00 21:21:21 21:21:39 Peakc/s=73 Qual=01 MaxkeV=65				- 1	84/02/04				
D0Y=39 Peak End times HaClass=SB N09E09 AR4411 Mac.=DA0 16:03 16:07 Importance=M1 Qual=01 16:03.43 16:03:53 Peakc/s=91 Qual=01 Tot Cts=2185 MaxkeV=65 B0Y=42 Peak End times Qual=00 21:21:21 21:21:39 Peakc/s=73 Qual=01 MaxkeV=65	nt # = 6809 02/06,21:46 Start S S 21:46:0	1					MaxkeV=92	Flags=SG, EW	
DOY=39 Peak End times HaClass=SB NO9E09 AR4411 Mac.=DAO 16:03 16:07 Importance=M1 Qual=01 Tot Cts=2185 MaxkeV=65 16:03:43 16:03:53 Peakc/s=91 Qual=01 Tot Cts=2185 MaxkeV=65 84/02/11 DOY=42 Peak End times Qual=00 Qual=01 MaxkeV=65					84/05/08				
15:03:43 16:03:53 Peakc/s=91 Qual=01 Tot Cts=2185 MaxkeV=65 16:03:43 16:03:53 Peakc/s=91 Qual=01 Tot Cts=2185 MaxkeV=65 84/02/11 D0Y=42 Peak End times Qual=00 Qual=00 MaxkeV=65	nt # = 6810 02/08,16:03 Start ical	i	les		N09E09	AR4411	Mac.=DAO	Carr.Lon.=304deg	H.Ang≕18deg
84/02/11 D0Y=42 D0Y=42 Peak End times Qual=00 21:21:21:21 21:21:39 Peakc/s=73 Qual=01	S 15:58 BS 16:00:5	16:03	16:03:53	Importance=m1 Peakc/s=91	Qual=01 Qual=01	Tot Cts=2185	MaxkeV=65		
DOY=42 Peak End times Qual=00 21:21:21 21:21:39 Peakc/s=73 Qual=01					84/02/1				
21:21:12 21:21:21 21:21:39 Peakc/s=/3 (ual=01	nt # = 2463 02/11,21:21 Start S		End		Qua]=00		; ;		
			1 21:21:39		Qual=01		MaxkeV=65	Flags=I	

EVENTY # - 8811 MANAGES 17:13: DOY-409 MANAGES 17:13	Event # = 6542 84/02/11,21:23 D0Y=42 Start Peak GOES HXRBS 21:23:42 21:23:	12 End times 1:48 21:24:02	Peakc/s=62	Qual=00 Qual=01		MaxkeV=65	Flags=1	
DOY=50 DOY=51 DO	1 [52	I Be	84/02/18 Qual=01 Qual=01	Tot	MaxkeV=65		
DOY=50 21:14:30 End times 21:14:30 Importance=C1 21:14:30 Qual=01 Qual=01 Tot Cts=624 MaxkeV=65 21:14:30 21:14:38 Peakc/s=89 Qual=01 Tot Cts=624 MaxkeV=65 DOY=51 Peak End times Importance=C5 DOY=51 NI3E47 Qual=01 AR4421 Peak Mac.=FKI Carr.Lon.=116deg DOY=51 Peak End times Importance=C2 I3:12:15 Importance=C2 Qual=01 Qual=01 Qual=01 Tot Cts=1699 MaxkeV=65 MaxkeV=65 Arr.Lon.=113deg DOY=51 Peak End times Importance=C2 I6:02:15 Importance=C2 Qual=01 Qual=01 Qual=01 Tot Cts=1567 MaxkeV=65 Arr.Lon.=113deg DOY=51 I6:03 End times I6:02:15 Importance=C1 Qual=01 Qual=01 Qual=01 Tot Cts=1966 MaxkeV=65 Arr.Lon.=113deg DOY=51 I6:02:15 Infloortance=C1 Qual=01 Qual=01 Qual=01 Tot Cts=1966 MaxkeV=65 Arr.Lon.=113deg	Event # = 6812 84/02/19,02:49 D0Y=50 Start Peak Optical GOES 02:36 02:49 HXRBS 02:39:06 02:44 Radio Sweeps Type Radio Frequency(MHz)			84/02/18	Tot	Mac.=EKI MaxkeV=65	Carr.Lon.=115deg	H.Ang=63deg
DOY=51 Peak End times HaClass=SN N13E47 AR4421 Mac.=FKI Carr.Lon.=116deg 00:39 00:47 Importance=C5 Qual=01 Tot Cts=6999 Maxkev=65 Carr.Lon.=13deg DOY=51 Peak HaClass=SB N12E43 AR4421 Mac.=FKI Carr.Lon.=13deg 13:16 13:28 Importance=C2 Qual=01 Tot Cts=1567 Maxkev=65 DOY=51 Peak Importance=C1 Qual=01 Tot Cts=1567 Maxkev=65 DOY=51 Fed Importance=C1 Qual=01 Tot Cts=1966 Maxkev=65 DOY=51 Fed Lines HaClass=SF N13E40 AR4421 Mac.=FKI DOY=51 Fed Lines Importance=C1 Qual=01 Tot Cts=1966 Maxkev=65 Beak Lines HaClass=SF N13E40 AR4421 Mac.=FKI Carr.Lon.=113deg 19:26:07 Peak Lines Lines Lines Lines Lines	DOY=5 Peak 21:16 21:14	. 유 .	Importance=C1 Peakc/s=89	Qual=01 Qual=01	Tot (ts=624	MaxkeV=65		
DOY=51 Peak End times HaClass=SB N12E43 AR4421 Mac.=FKI Carr.Lon.=113deg 13:16 13:28 Importance=C2 Qual=01 Tot Cts=1567 MaxkeV=65 DOY=51 Peak End times 16:02 15 16:02:58 Peakc/s=121 Qual=01 Tot Cts=1966 MaxkeV=65 DOY=51 Peak End times HaClass=SF N13E40 AR4421 Mac.=FKI Carr.Lon.=113deg 19:28 19:30 Importance=C1 Qual=01 Tot Cts=1897 MaxkeV=65 19:25:20 19:26:07 Peakc/s=141 Qual=01 Tot Cts=1897 MaxkeV=65	DOY=5 Peak 00:39	End times 00:47 27 00:36:12		N13E47 Qual=01 Qual=01	Tot	Mac.=FKI MaxkeV=65	Carr.Lon.=116deg	H.Ang=51deg
DOY=51 Peak End times 16:03 16:03 16:05 16:02:15 16:05 16:02:15 16:02:58 Peakc/s=121 Qual=01 DOY=51 Peak End times HaClass=SF N13E40 AR4421 Mac.=FKI Carr.Lon.=113deg 19:28 19:30 Importance=C1 Qual=01 Tot Cts=1897 MaxkeV=65	D0Y=5 Peak 13:16 13:12	End times 13:28 15 13:13:28		N12E43 Qua]=01 Qua]=01	1	Mac.=FKI MaxkeV=65	Carr.Lon.=113deg	H.Ang=47deg
DOY=51 Peak End times HaClass=SF N13E40 AR4421 Mac.=FKI Carr.Lon.=113deg 19:28 19:30 Importance=C1 Qual=01 19:25:20 19:26:07 Peakc/s=141 Qual=01 Tot Cts=1897 MaxkeV=65	DOY=5 Peak 16:03 16:02	15	1	Qua]=01 Qua]=01	Tot Cts=1966	MaxkeV=65		
	1	End time 19:30 20 19:26:07	HaClass=SF Importance=C1 Peakc/s=141	N13E40 Qua1=01 Qua1=01		Mac.=FKI MaxkeV=65	Carr.Lon.=113deg	H. Ang=44deg

				84/02/21	1 D0Y=52			
Event # = 6819 84/02/21,06:45 [Start GOES 06:42 HXRBS 06:44:59 (HXRBS 06:42:33	DOY=52 Peak 06:45 1 06:45:13	DOY=52 Peak End times 06:45 06:45:13 06:45:43 	Importance=C1 Peakc/s=82 Peakc/s=77	Qual=01 Qual=01 Associated Qual=01	Tot Cts=340 Event # = 6818 Tot Cts=831	MaxkeV=65 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1
Event # = 6820 84/02/21,07:52 Start Optical GOES 07:49 HXRBS 07:51:45	DOY=52 Peak 07:52:02	End times 07:55	HaClass=1N Importance=C2 Peakc/s=68	N14E34 Qual=01 Qual=01	AR4421 Tot Cts=726	Mac.=FKI MaxkeV=65	Carr.Lon.=112deg	H.Ang=40deg
Event # = 6821 84/02/21,08:04 Start Optical GOES 07:59 HXRBS 08:00:26	D0Y=52 Peak 08:04 5 08:00:59	End times 08:17 08:01:36	HaClass=SF Importance=C3 Peakc/s=397	N15E33 Qua1=01 Qua1=01	AR4421 Tot Cts=4485	Mac.=FKI MaxkeV=120	Carr.Lon.=113deg	H.Ang=39deg
Event # = 7107 84/02/21,14:40 Start GOES HXRBS 14:40:18	DOY=52 Peak 3 14:40:32	End times 2 14:41:02	Peakc/s=127	Qua]=00 Qua]=01	Tot Cts=884	MaxkeV=65	Flags≈I	
Event # = 6822 84/02/21,23:37 Start Optical GOES 23:30 HXRBS 23:36	00Y=52 Peak 23:37 5 23:33:04	End times 23:43 23:33:56	HaClass=SF Importance=Cl Peakc/s=70	200	Tot	Mac.=FKI MaxkeV=65	Carr.Lon.=109deg	H.Ang=35deg
Event # = 6823 84/02/22,08:18 Start Optical GOES 08:08 HXRBS 08:10:13	D0Y=53 Peak 08:18 3 08:12:43	End times 08:31 08:13:26	HaClass=SN Importance=C6 Peakc/s=82	- 84/02/22 S21W21 Qual=12 Qual=11	22 DOT=53 AR4420 Tot Cts=1501	Mac.=DAO MaxkeV=65	Carr.Lon.=153deg Flags=DG	H.Ang=25deg
Event # = 6824 84/02/22,12:15 Start GOES 12:12 HXRBS 12:13:26	D0Y=53 Peak 12:15 6 12:13:34	End times 12:17 4 12:13:58	Importance=Cl Peakc/s=75	Qual=01 Qual=01	Tot Cts=231	MaxkeV=65		

# = 6825 /24,06:49 Start	DOY=55 Peak End 1	times		84/02/24				
GOES 06:43 HXRBS 06:42:29	06:49 06:55 06:43:40 06:45	5:33	Haclass=SN Importance=C3 Peakc/s=76	N11W03 Qual=02 Qual=01	AR4421 Tot Cts=3220	Mac.=⊦KI MaxkeV≃65	Carr.Lon.=110deg	H.Ang=18deg
				84/02/28	8 DOY=59			
= 6826 3,13:07 Start	DOY=59 Peak End t	End times	us (1see-1b			1		
GOES 13:04 HXRBS 13:05:03 Radio Frequency	13:04 13:07 13:09 13:05:03 13:06:26 13:07:31 Frequency(MHz)/Flux(sfu):		. E 86	04a = 01 04a = 01 04a = 01 8800/71	AR4423 Tot Cts=1839	MackeV=65	carr.Lon.=21deg	H. Ang≃30deg
				84/03/01	1 D0Y=61			
Event # = 6827 84/03/01,20:16 Start GOES 20:11 HXRBS 20:14:11	DOY=61 Peak End time 20:16 20:21 20:14:52 20:16:53	ين ا	Importance=C6 Peakc/s=70	Qual=02 Qual=01	Tot	MaxkeV=65		
				84/03/16	5 D0Y=76			
Event # = 6851 84/03/16,09:06 Start	DOY=76 Peak End t	times	93=23c[3 cn	MIIFEE		200		
ptical OFS O8:51	08:06 08:30		HaClass=SN Taboxtance=M1	N11E65 Ousl≡05	AR4441 AR4441	mac. ≖CSO	carr.Lon.=123deg Carr.Lon.=124deg	H.Ang=68deg H.Ang=67deg
HXRBS 09:05:30 (Radio Frequency	09:05:30 09:05:43 09:09:39 Frequency (MHz)/Flux(sfu):		Peakc/s=453 1415/41 2695/440	Qual=02 Qual=02 4995/1300	Qual=02 Tot Cts=1.24E+5 MaxkeV=65 4995/1300 8800/1400 15400/930	:+5 MaxkeV=65 :400/930	Flags=SG	
# = 4811 /16,21:40 Start	DOY=76 Peak End times	imes						
GOES HXRBS 21:39:36 (21:40:04 21:40	:40:28	Peakc/s=67	Qual=00 Qual=01		MaxkeV=65	Flags=I	
1				84/03/19	9 D0Y=79		The state of the s	
Event # = 6855 84/03/19,01:47 [Start F Optical	DOY=79 Peak End times	S		S03H60	AR4438	Mac.=ESO	Carr.Lon.=214deg	H.Ang=60deg
GOES 01:43 (HXRBS 01:45:52 (Radio Frequency	01:43		Importance=C4 Peakc/s=210 1415/20 2695/13	Qua]=01 Qua}=01	Tot Cts=1321	MaxkeV=120	Flags=M5	
# = 4420 /19,23:41 Start	DOY=79 Peak End times	imes		00-1				
HXRBS 23:39:23 2	23:41:20 23:42:42		Peakc/s=57	Qual=00 Qual=01		MaxkeV=65	Flags=I	

		84/03/20	08-¥00			
# = 6857 20,03:46 DOY=80 Start Peak End times	00-1000	C13C1M	ADAAA1	() S = S = M	Carr. Ion. =126dea	H. Ana=24dea
~	Importance=C5 Peakc/s=165	0ual=05 Qual=05 Qual=01 Tot	Tot Cts=891	MaxkeV=208		
<pre>Sweeps</pre>		606/51 1415/19	50 2695/120	606/51 1415/150 2695/120 4995/45 8800/18 15400/13	15400/13	
		84/03/22	D0Y=82			
Event # = 6865 84/03/22,16:15 D0Y=82 Start Peak End times	1200E7 11	NORE12	A D A A 5 ()	Mar.=DS()	Carr.Lon.=94dea	H.Ang=19deg
Optical GOES 16:03 16:15 16:24 HXRBS 16:07:05 16:11:29 16:13:19 Radio Frequency(MHz)/Flux(sfu):	Importance=C8 Qual=02 Tot Cts=8320 MaxkeV=120 Peakc/s=166 Qual=11 Tot Cts=8320 MaxkeV=120 A5/92 410/25 1415/53 2695/13 4995/13 8800/23 15400/33	Qual=02 Qual=11 Tot 15/53 2695/13	Cts=8320 4995/13 880	MaxkeV=120 0/23 15400/33	Flags=DG))
	-	84/03/29	D0Y=89			
# = 6870 /29,16:24 DOY=89 Start Peak End times	NO model 7 cm	N20E67	AD4458	() () () () () () () () () () () () () (Carr.lon.=307dea	H.Ang=71deg
Uptical GOES 16:20 16:24 16:27 HXRBS 16:21:00 16:21:16 16:21:37	nac.iass-su Importance=C1 Peakc/s=75	Qual=01 Qual=01 Qual=01		MaxkeV=65		
		84/03/31	D0Y=91			
= 6877 1,08:12 DOY=91 Start Peak End times		9			20000	1 Ann - 51
_	HaClass=1B Importance=C3	NZZE43 Qual=01 Qual=01 To+	AK4458 Tot Cte=7247	Markev=149	carr. Lon Joyacy	50517-6:W.L
J8:Ub:29 U8:U8:U2 U8:U8:43 weeps	redkc/s=4/0 III/1 245/38 410/240 6	==	0	ומאאכיין		
		84/04/03	D0Y=94			
Event # = 6882 84/04/03,16:16 DOY=94 Start Peak End times	NO TOTAL	Cucca	00000	()\(\frac{1}{2} = \frac{1}{2} \)	Carr Lon =309ded	H.Ana=28dea
Optical GOES 15:58 16:16 16:22 HXRS 15:57:38 15:57:50 15:59:54	nac.dass-sw Importance=C1 Peakc/s=73	NZZ#O1 Qual=02 Qual=01 Tot	Tot Cts=482	MaxkeV=65	Pitch=-50	Pitch=-506", Yaw=+68"
Nysk Radio Sweeps Type/Intensity:	V/2					
		84/04/04	D0Y=95			
Event # = 6885 84/04/04,15:29 DOY=95 Start Peak End times GOES 15:16 15:29 15:35 HXRBS 15:30:48 15:31:12 15:31:46	Importance=87 Peakc/s=62	Qual=01 Qual=01 Tot	Tot Cts=496	MaxkeV=149		

Event # = 6890 84/04/15,09:29 DOY=106 Start Peak End tim GOES 09:24 09:29 09:33 HXRBS* 09:26:00 09:27:10 09:28:3 Event # = 8007 84/04/17,09:34 DOY=108 Start Peak End tim Optical GOES 09:27 09:34 09:40 HXRBS* 09:28:50 09:29:33 09:34:4 Radio Frequency(MHz)/Flux(sfu)	106 End times 9 09:33 7:10 09:28:30						
vent # = 8007 4/04/17,09:34 DOY=1 Start Peak DES 09:27 09:34 XRBS* 09:28:50 09:25 adio Frequency(MHz		Importance=C7 Peakc/s=78	Qual=01 Qual=01 Tot	Tot Cts=2050	MaxkeV=120	Flags=AX	
4/04/17,09:34 DOY=1 4/04/17,09:34 DOY=1 5tart Peak 5tart 09:34 5ES 09:27 09:34 6RBS* 09:28:50 09:25 adio Frequency(MHz			84/04/17	D0Y=108			
otical DES 09:27 09:34 (RBS* 09:28:50 09:25 Adio Frequency(MHz	108 End times	SMM Pointing:	S05W00	I	Pitch=-4", Yaw=-2", Roll=Odeg	2", Roll=0deg	H.Ang=0deg
10100	1 09:40 9:33 09:34:47 2)/Flux(sfu):	HaClass=SB Importance=C8 Peakc/s=154 1415/8 2695/13	\$18E47 Qual=01 Qual=01 Tot 4995/26	AR4469 Tot Cts=11364	Mac.=DAO MaxkeV=65	Carr.Lon.=80deg Flags=I	H.Ang=48deg
Event # = 12/28 84/04/17,22:37 DOY=108 Start Peak	108 Fnd times	SMM Pointing:	S45E75		Pitch=+659", Ya	Pitch=+659", Yaw=+653", Roll=Odeg	H.Ang=76deg
RBS* 22:37:24 22:37	7:27 22:37:29	Peakc/s=60	Qual=01			Flags=NS,GB	•
Event # = 6001			84/04/18	DOY=109			
84/04/18,12:25 DOY=109 Start Peak	109 End times	SMM Pointing:	00M50S	I	Pitch=-4", Yaw=-2", Roll=Odeg	-2", Roll=0deg	H.Ang=0deg
tical ES 12:13 12:25	12:33	HaClass=1B	\$15E31	AR4469	Mac.=DAO	Carr.Lon.=81deg	H.Ang=32deg
HXRBS* 12:16:03 12:18:00 12:27:14 Radio Frequency(MHz)/Flux(sfu):	3:00 12:27:14 :)/Flux(sfu):	1 Peakc/s=690 : 245/170 410/35 6	Qual=01 Tot (006/22 1415/18 2	Cts=50781 2695/44 499	Cts=50781 MaxkeV=89 Flags=M5 2695/44 4995/34 8800/28 15400/20	Flags=M5 400/20	
2007			84/04/19	D0Y=110			
Event # = b892 84/04/19,02:00 DOY=110 Start Peak Optical	.10 End times	HaClacc=2R		A DAA 60	3		
Optical GOES 01:53 02:00 UYDES* 01:65:64 01:67	•	HaClass=SN Importance=C5	313554 N03W48 Qual=01	AR4403 AR4471	Mac.≖UAU	carr.Lon.=80deg Carr.Lon.=152deg	H.Ang=27deg H.Ang=49deg
NAMES 01:33:34 01:37:20 02:01:2 UVSP 02:00 Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)	:20 UZ:U1:23 e/Intensity:)/Flux(sfu):	24	Qual=01 Code=02 995/15 88	Tot Cts=27374 Exp #=16946 00/23	MaxkeV=53 Rast=120"x120"	Step=3" Pitch=-64",Yaw=-5	', Yaw=-5"
# NO.2 II			84/04/20	D0Y=111			
Event # = 6894 84/04/20,01:51 DOY=111 Start Peak	40	SMM Pointing:	S05W00	I	Pitch=-2", Yaw=-4", Roll=Odeg	-4", Roll=0deg	H.Ang=Odeg
Optical GOES 01:48 01:51 01:58 HXRBS* 01:49:52 01:50:40 01:51:30		HaClass=SB Importance=C2 Peakc/s=70	\$19E12 Qual=01 Qual=03	AR4469	Mac.=EAO MaxkeV=48	Carr.Lon.=79deg Flags=EG.ND	H.Ang≈18deg
uvsr Radio Frequency(MHz)/Flux(sfu):)/Flux(sfu):	410/5				Pitch=-64", Yaw=-5"	, Үам=-5"

Fight Figh	DOY=111 Peak End times 13.16 13.21		\$05W00 \$18E05 N04W70 Oual=03	AR4469 AR4471	Pitch=+1",Yaw=-5",Roll=Odeg Mac.=EAO Carr.Lon.=8 Carr.Lon.=1	", Roll=Odeg Carr.Lon.=80deg Carr.Lon.=155deg	H.Ang=14deg H.Ang=14deg H.Ang=71deg
## Pointing: SUBWOOD RA4469 Mac.=EA0 Carr.Lon.=81deg H.Ang=13deg mac.=EA0 Carr.Lon.=81deg H.Ang=13deg mac.=EA0 Carr.Lon.=81deg H.Ang=13deg mac.=EA0 Carr.Lon.=81deg H.Ang=83deg mac.=C/s=109 Qual=01 Tot Cts=5018 MaxkeV=48 Flags=SN Fla	:53	1	Qual=01		MaxkeV=48	" Poll=Odea	H. Ana=Odea
mportance=C5	End times		SIZEDA	AR4469	Mac.=EA0	Carr. Lon.=81deg	H.Ang=13deg
Importance=C7	14:10 14:06:30	Import Peak.	Qual=01 Qual=01	Tot Cts=5713	MaxkeV=87		
Hampertance=M1	حصیف ا	Import Peak	Qual=03 Qual=01	Tot Cts=12413	MaxkeV=48		
Maxkev=48 Flags=SN Qual=05	1 41		\$14F90	AR4474		Carr.Lon.=353deg	H.Ang≈89deg
Importance=M1 Qual=05		Import Peak V/2 606/31	Qual=05 Qual=02 2695/16	Tot Cts=50508	MaxkeV=48	Flags=SN	
Importance=M1 Qual=05		SMM Pointing:	00M68S		Pitch=+951", Yaw	=+0",Roll=0deg	H.Ang=84deg
SMM Pointing: S01E83	:	Import Peak Wavele III/1 245/11	Qual=05 Qual=01 A Code=02 606/120	Tot Cts=6516 Exp #=16959	MaxkeV=48 Rast=10"x10"		.1015", Yaw=-5"
Importance=C5		SMM Pointing:	S01E83		Pitch=+4", Yaw=+	950", Roll=Odeg	H.Ang=83deg
		Importance=C5 Peakc/s=65 Wavelength=1524	Qual=01 Qual=01 A Code=01 Associated Qual=11	Exp #=16959 Event # = 6902	10"	Step=0" Flags=DG	

Har.class Har.	ST ST	DOY=111 Peak End times	SMM Pointing:	S05W00		Pitch=+0", Yaw=+0", Roll=Odeg)]]=0deg	H.Ang=Odeg
Type/Intensity 17.79e/Intensity 17.79e/Intens		34 00:28	HaClass=1B	NO5W73	AR4471		Lon.=152deg	H.Ang=74deg
DOY=112 SMM Pointing: SOSMOD Pitch=+0", Yaw=+0", Roll=Odeg	φ	38:57 00:16:06 vpe/Intensity:	Peakc/s=246 Wavelength=1524	Qual=01 Qual=01 A Code=00	Tot Cts=59792 Exp #=16960			Yaw=-5"
Bay Obs. 12 Bay	Radio Frequency(M		245/65 410/51 2	695/13 499				
DOY=112	Even+ # - 6006			84/04/2				
01:06			SMR	S05W00		Pitch=+0", Yaw=+0", Ro	11=0deg	H.Ang=Odeg
01:06:45 01:07:12 Perkc/s=60 Qual=01 01:06:45 01:07:12 Perkc/s=60 Qual=01 01:03:52 01:04:40 Peakc/s=68 Qual=01 01:03:52 01:04:40 Peakc/s=68 Qual=01 01:03:52 01:04:40 Peakc/s=68 Qual=01 01:03:52 01:04:40 Peakc/s=68 Qual=01 01:05:00:15 Importance=H1 Qual=02 01:05:00:15 Importance=H1 Qual=02 01:05:00:15 Importance=H1 Qual=01 01:05:00:15 Importance=H1 Qual=01 01:05:00:15 Importance=H1 Qual=01 01:00:15		06 01:15		N05W74	AR4471			H.Ang=75deg
01:03:52 01:04:40 Peakc/s=58	01:06:37	06:45 01:07:12	Peakc/s=60	Qual=01	1 3 4 6 7	MaxkeV=48		
DOY=112 Peak End times HaClass=2B SOBER7 O1:57 O2:15 HaClass=2B SOBER7 O1:57 O2:15 HaClass=2B SOBER7 O1:57:28 O1:57 O2:15 HaClass=18 O1:51:08 O		03:52 01:04:40	Peakc/s=58	Qual=01	באפוור #	MaxkeV=48	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ; ;
HaClass=28 S08E87 AR4474 Mac.=CA0 Carr.Lon.=351deg 01:37:31	1	i	1	S05W00		Pitch=+0", Yaw=+0", Ro		H. Ang=0deg
01:37:31 01:38:40	Optical		HaClass=28	S08E87	AR4474			A Ang=86deg
01:51:08 01:51:14 Peakc/s=64 Qual=01 01:51:08 01:51:14 Peakc/s=70 Qual=01 01:51:08 01:51:14 Peakc/s=70 Qual=01 01:51:08 01:51:14 Peakc/s=70 Qual=01 01:51:08 01:51:14 Peakc/s=77 Qual=01 01:53:05 01:53:05 01:53:26 Peakc/s=77 Qual=01 01:53:05 01:53:26 Peakc/s=77 Qual=01 02:43:05 01:53:26 Peakc/s=77 Qual=01 03:03 03:41 Importance=M1 Qual=01 03:03 03:03 03:41 Importance=M1 Qual=01 03:16:45 03:18:55 Peakc/s=133 Qual=01 00:53:09 O4:56:09 Peakc/s=67 Qual=01 04:55:19 04:56:09 Peakc/s=67 Qual=01 04:55:19 04:56:09 Peakc/s=67 Qual=01 04:55:19 04:56:09 Peakc/s=67 Qual=01 04:55:19 04:56:09 Peakc/s=0.0 Pitch=-64", Name+0", Na	GOES 01:36 01: HXRBS* 01:42:14 01:4 Radio Frequency(M	57 02:15 43:25 01:47:18 Hz)/Flux(sfu):	ortance=M1 cc/s=12 5/7 8800/7	Qual=02 Qual=01 5400/10	Tot Cts=7233			6900-6iv-
01:51:08 01:51:14 Peakc/s=70 Qual=01 01:51:08 01:51:14 Peakc/s=70 Qual=01 01:51:08 01:51:14 Peakc/s=77 Qual=01 01:51:08 01:51:14 Peakc/s=77 Qual=01 00:51:08 01:51:14 Peakc/s=77 Qual=01 00:51:08 01:51:14 Peakc/s=77 Qual=01 00:51:08 01:51:14 Peakc/s=171 Qual=01 02:43:05 01:53:26 Peakc/s=171 Qual=01 02:43:30 03:08:43 Peakc/s=171 Qual=01 03:08:43 03:08:43 Peakc/s=133 Qual=01 03:16:45 03:18:55 Peakc/s=133 Qual=01 04:55:19 04:56:09 Peakc/s=67 Qual=01 04:55:19 04:56:09 Peakc/s=67 Qual=01 04:55:19 04:56:09 Peakc/s=67 Qual=01 04:56:19 04:56:09 Peakc/s=67 Qual=01 05:41:48 Down to the following that	HXRBS* 01:35:15 01:3		19 3/J A	Associated			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
DOY=112 DOY=112 SMM Pointing: S05W00 33.41 Importance=M1 Qual=01 Type/Intensity: III/1 SMM Pointing: S05W00 DOY=112 Associated Event # = 6910 Pitch=+0", Yaw=+0", Roll=Odeg Potch=+0", Yaw=+0", Roll=+0deg Potch=+0", Yaw=+0", Roll=+0deg	HXRBS* 01:49:13 01:	51:08 01:51:14	0/=3/5	Associated	 *#⊨			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DOY=112 SMM Pointing: S05W00 Pitch=+0", Yaw=+0", Roll=Odeg Peak End times HaClass=1B NO4W75 AR4471 Mac.=DA0 Carr.Lon.=152deg 03:03 03:04 Importance=M1 Qual=03 Tot Cts=44216 Maxkev=67 Type/Intensity: III/1 Associated Event # = 6912	HXRBS* 01:51:55 01:	53:05 01:53:26	C/S-77	Associated Qual=01	Event # =	maxkeV=46 	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
03:03 03:41 Importance=M1 Qual=03	1	End times	SMM Pointing:	S05W00		Pitch=+0", Yaw=+0", Ro		H. Ang=0deg
02:42:00 02:43:30 03:08:43	Optical GOES 02:42 03:0)	HaClass=1B	NO4W75	AR4471			4.Ang=75deg
03:15:50 03:16:45 03:18:55 Peakc/s=133 Qual=01 Tot Cts=3319 Maxkev=48 = 6913 1,04:56 D0Y=112 SMM Pointing: S05W00 Peak End times 04:53 04:56 04:58 Importance=C3 Qual=01 O4:53 04:56:09 Peakc/s=67 Qual=01 Exp #=16961 Rast=10"x10" Step=0" Pitch=-64",)2:42:00 veeps		Peakc/s=171 III/1	Qual=01	Tot Cts=44216	MaxkeV=67		
= 6913 1,04:56 D0Y=112 SMM Pointing: \$05W00 Pitch=+0",Yaw=+0",Roll=Odeg Start Peak End times Importance=C3 Qual=01 04:53 04:56 04:58 Importance=C3 Qual=01 MaxkeV=48 04:54:15 04:55:19 04:56:09 Peakc/s=67 Qual=01 Exp #=16961 Rast=10"x10" Step=0" Pitch=-64",	HXRBS* 03:15:50 03:1		Peakc/s=133	Associated Qual=01	Event # = 6912 Tot Cts=3319	MaxkeV=48	1 1 1 1 1 1	1
04:53	# = 6913 /21,04:56 Start	=112 Fnd times	1	S05W00		Pitch=+0", Yaw=+0", Ro		1. Ang=0deg
	04:53 04:54:15 05:38	4:58 4:56:09	Importance=C3 Peakc/s=67 Wavelength=1524/	Qual=01 Qual=01	Exp #=16961			/aw≖-5"

Event # = 6914 84/04/21,05:46	D0Y=112	.,	SMM Pointing:	S05W00		Pitch=-3", Yaw=-5", Roll=Odeg	-5", Roll=Odeg	•	H.Ang=Odeg
Start 60ES 05:40 0 HXRBS* 05:40:08 0 UVSP 05:38	Peak 05:46 05:41:33	05:41:49	Importance=C4 Peakc/s=69 Wavelength=1524A	Qual=05 Qual=01 Code=00	Exp #=16961	MaxkeV=48 Rast=10"x10"	Step=0" Pit	Pitch=-64",Yaw=-5"	Yaw=-5"
Event # = 6915 84/04/21,05:56	DOY=112		SMM Pointing:	S05W00		Pitch=-3", Yaw=-5", Roll=Odeg	-5", Roll=Odeg		H.Ang=Odeg
GOES HXRBS* 05:56:30 UVSP 05:38		05:58:07	Peakc/s=59 Wavelength=1524A	Qual=05 Qual=01	Exp #=16961	MaxkeV=48 Rast=10"x10"	Step=0" Pit	Pitch=-64",Yaw=-5	Yaw=-5"
Event # = 6916 84/04/21,07:31	D0Y=112	:	SMM Pointing:	S05W00		Pitch=-3", Yaw=-5", Roll=Odeg	-5", Roll=Odeg		H.Ang=Odeg
Start Optical	Реак	End times	HaClass=18	S14E83	AR4474	Mac.=CAO	Carr.Lon.=352deg	2deg	H.Ang≈82deg
GOES 07:24 07:31 07:39 HXRBS* 07:25:46 07:27:22 07:32:52 UVSP 07:12 Type/Intensity: Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	07:31 07:27:22 Type/I cy(MHz)/F	07:39 : 07:32:52 :ntensity: :lux(sfu):	Importance=M1 Q Peakc/s=1600 Q Wavelength=1524A C III/1 245/97 1415/9 2695	Qual=01 Qual=01 Code=00 95/38 4999	nce=M1 Qual=01 c/s=1600 Qual=01 Tot Cts=61431 Maxk. gth=1524A Code=00 Exp #=16962 Rast. 1415/9 2695/38 4995/37 8800/64 15400/28	MaxkeV=172 Rast=10"x10" 100/28	Step=0" Pit	Pitch=-64",Yaw=-5"	Yaw=-5"
Event # = 4812 84/04/21,09:39	DOY=112	-	SMM Pointing:	S05W00		Pitch=-3", Yaw=-5", Roll=Odeg	-5", Roll=Odeg		H.Ang=Odeg
Start GOES 09:31 HXRBS 09:36:32	Peak 09:39 09:37:27	End times 09:44 7 09:38:20	Importance=C5 Peakc/s=163	Qual=01 Qual=01	Tot Cts=4308	MaxkeV=48	Flags=I		
Event # = 6917 84/04/21,10:37	D0Y=112	1	SMM Pointing:	S05W00		Pitch=-3", Yaw=-5", Roll=Odeg	-5", Roll=Odeg		H.Ang=Odeg
Start GOES 10:28 HXRBS* 10:22:17	Peak 10:37 10:29:08	End times 10:48 3 10:29:10	Importance=M2 Peakc/s=192	Qua]=02 Qua]=01	Tot Cts=9535	MaxkeV=48			
Event # = 4875 84/04/21,12:02	D0Y=112	4	SMM Pointing:	S05W00		Pitch=-3", Yaw=-5", Rol]=Odeg	-5", Roll=0deg		H.Ang=Odeg
Start 60ES 11:53 1 HXRBS 11:56:35 1 Radio Frequency	reak 12:02 11:57:46 cy(MHz)/F	rart Feak End times 1:53 12:02 12:45 1:56:35 11:57:46 12:04:04 Frequency(MHz)/Flux(sfu):	Importance=C8 Peakc/s=149 245/53 410/300	Qual=01 Qual=01	Tot Cts=6514	MaxkeV=48	Flags=I		
				84/04/22	2 DOY=113				
Event # = 6918 84/04/22,01:32	D0Y=113		SMM Pointing:	S05W00		Pitch=-3", Yaw=-1", Roll=Odeg	-1", Roll=Odeg		H.Ang=Odeg
Start Optical		End times	HaClass=SN	\$10E75	AR4474	Mac.=CA0	Carr.Lon.=350deg	0deg	H.Ang=74deg
GOES 01:29 HXRBS* 01:30:36 UVSP	01:30:50	01:31:16 0 01:31:16	Jumportance-co Peakc/s=141	Qual=01	Tot Cts=2038	MaxkeV=67	.fd	Pitch=-64",Yaw=-5"	Yaw=-5"

Event # = 6919 84/04/22,02:34	D0Y=113		SMM Pointing:	S05W00		Pitch=-3".Yaw=-1".Roll=Odea	1". Boll=Odea	H Ann=Oden
Start P GOES 02:30 0 HXRBS* 02:31:35 0	Peak 02:34 5 02:33:01	End times 02:38	Impo	Qua1=01 Qua1≈01	Tot Cts=12849	MaxkeV=67		5 5 5 7 7 7
Radio Frequen	Frequency(MHz)/Flux(sfu)	lux(sfu):	8800/12 15400/32	2			Pitch=-64",Yaw=-	Үам=-5"
Event # = 6922 84/04/22,02:56	DOY=113	, + + + + + + + + + + + + + + + + + + +	SMM Pointing:	S05W00		Pitch=-3", Yaw=-1",	1", Roll=Odeg	H.Ang=Odeg
Optical GOES 02:44	02:56	03:00	HaClass=1N Importance=C4	\$10E26 Qual=01	AR4472	Mac.=CAO	Carr.Lon.=38deg	H.Ang=26deg
HXRBS* 02:58:54 UVSP	1 02:59:23	:59:53	Peakc/s=134	Qual=01	Tot Cts=17	MaxkeV=108	Pitch=-64", Yaw=-5"	γaw≈-5"
HXRBS* 02:36:08 (UVSP	3 02:36:19 02	:36:43	Peakc/s=62	Associated Qual=01	Event # =	MaxkeV=48	Pitch=-64".	
HXRBS* 02:40:22 UVSP	02:40:31 02	:40:51	Peakc/s=66	Associated Qual=01	Event # = 6921	MaxkeV=48	Pitch=-64",Yaw==5"	Yaw=-5"
Event # = 6925 84/04/22,03:55	00Y=113	Fod + imos	SMM Pointing:	00M90S		Pitch=-3", Yaw=-1"	, Roll=0de	H.Ang=Odeg
Optical 60ES 03:51	1 can 03:55	2	HaClass=SF	S10E84	AR4474	Mac.=FKO	Carr.Lon.=340deg	H.Ang=83deg
HXRBS* 03:53:02	03:54:19		eakc/s=221	Qual=01	Tot Cts=2732	MaxkeV=67		
* 03:50			c/s=66	Associated Qual=01	Event # =	MaxkeV=48	† † † † † † † † † † † † † † † † † † †	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS* 03:51:23		03:52:01 03:52:47	0	Associated Qual=01	Event # =	MaxkeV=48	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS* 03:56:54	03:57:03	:57:12	ıkc/s=87	Associated Qual=01	Event # = 0926		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 6927 84/04/22,04:02 Start	DOY=113 Peak	End times	SMM Pointing:	S05W00		Pitch=-3", Yaw=-1", Roll=Odeg		H.Ang=0deg
GOES HXRBS* 04:00:26	04:02:04	04:02:57	Peakc/s=111	Qua}=00 Qua}=01	Tot Cts=2941	MaxkeV=67		
Event # = 6928 84/04/22,04:12 Start	DOY=113	Fnd + imes	SMM Pointing:	S05W00		Pitch=-3", Yaw=-1"	, Roll=0deg	H.Ang=0deg
	04:12 04:06:32	04:24 04:06:59	Importance=C5 Peakc/s=84	Qual=01 Qual=01		MaxkeV=48		
Event # = 6929 84/04/22,04:32 Start	DOY=113 Peak	End times	SMM Pointing:	S05W00		Pitch=-3", Yaw=-1", Roll=Odeg		H. Ang=Odeg
	04:32	04:45	HaClass=2B Importance=C6	N14W75 Oual=03	AR4468	Mac.=CA0	Carr.Lon.=138deg	H.Ang=77deg
$\overline{}$	04:27:19		Peakc/s=107	Qual=01	Tot Cts=2262	MaxkeV=48	Ditch=64" Yawa.5"	, y
	Frequency(MHz)/Flux(sfu):	lux(sfu):	1415/17 2695/35					C .

Event # = 6930 84/04/22,05:30 DOY=113		SMM Pointing:	S05W00		Pitch=+1", Yaw=-6", Roll=Odeg	Roll=0deg	H.Ang=Odeg
	ind times	HaClass=SF	N10W76	AR4468	Mac.=CAO Car	Carr.Lon.=139deg	H.Ang=77deg
GOES 05:28 05:30 (HXRBS* 05:29:55 (UVSP)5:35)5:30:30	Importance=CZ Peakc/s=61	Qual=01 Qual=01		MaxkeV=48	Pitch=-64", Yaw=-5"	, Yaw=-5"
Event # = 6932 84/04/22,05:45 DOY=113		SMM Pointing:	S05W00		Pitch=+1", Yaw=-6", Roll=Odeg	Roll=0deg	H.Ang=Odeg
Start Peak Optical	S	HaClass=SF	S11E74	AR4474	Mac.=FK0 Ca	Carr.Lon.=349deg	H.Ang=73deg
GOES 05:40 05:45 06:00 HXRBS* 05:46:28 05:46:38 05:46:49		Importance=C2 Peakc/s=64	Qual=01 Qual=01		MaxkeV=48	Pitch=-64",	, Yaw=-5"
Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)	/Intensity: /Flux(sfu):	111/1 8800/14 15400/35		\$ 6 7	1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS* 05:38:52 05:39:07 05:39:24		Peakc/s=59	Associated Qual=01	# 1 DA	=48	Pitch=-64"	, Yaw=
5* 05:47:34	05:47:46 05:48:16	 Peakc/s=60	Associated Event # Qual=01	Event # = 6933	MaxkeV=48	Pitch=-64",Yaw=-5"	, Yaw=-5"
Event # = 6934 84/04/22,07:00 DOY=113		SMM Pointing:	S05W00		Pitch=+1", Yaw=-8",	, Yaw=-8", Roll=Odeg	H.Ang=Odeg
Start Peak Optical	End times			AR4472	Mac.=CAO Ca	Carr.Lon.=39deg	H.Ang=23deg
GDES 06:50 07:00 (HXRBS* 06:50:47 06:51:47	07:04 06:53:31	Importance=C3 Peakc/s=60	Qual=01 Qual=01		MaxkeV=48		
Event # = 6935 84/04/22,07:15 DOY=11:		SMM Pointing:	S05W00		Pitch=+1", Yaw=-8", Roll=Odeg	Roll=Odeg	H.Ang=Odeg
Start Peak Optical		HaClass=SN		AR4474	Mac.=FKO Ca	Carr.Lon.=339deg	H.Ang=82deg
GOES 07:04 07:15 07:27 HXRBS* 07:04:02 07:05:04 07:06:25		<pre>Importance=C4 Peakc/s=117 2606/16</pre>	Qual=01 Qual=01	Tot Cts=2075	MaxkeV=67		
HXRBS* 07:12:50 07:13:18 07:14:17		 Peakc/s=78	Associated Qual=01	Event $\# = 6936$	MaxkeV=48		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS* 07:19:16 07:19:43 07:20:00		Peakc/s=81	Qual=01	# C C #			
Event # = 6938 84/04/22,13:12 DOY=113		SMM Pointing:	S05W00		Pitch=-2", Yaw=-4", Roll=Odeg	Roll=0deg	H.Ang=Odeg
Start Peak Optical	End times	HaClass=SF		AR4474	Mac.=FKO Ca	Carr.Lon.=349deg	H.Ang=69deg
GOES 13:09 13:12 HXRBS* 13:09:38 13:10: Radio Sweeps Type	13:12 13:18 13:10:14 13:11:03 Type/Intensity:	Importance=L1 Peakc/s=88 V/1	(ual=01 (ual=01		MaxkeV=48		

Optical GOES 13:59 14:02 14:06 HXRBS* 14:00:03 14:00:58 14:04:5 Radio Frequency(MHz)/Flux(sfu) Event # = 6940 84/04/22,14:45 DOY=113 Start Peak End time GOES 14:30 14:45 15:00	3				Early	6222	San Since
Event # = 6940 84/04/22.14:45 DOY=1 Start Peak GOES 14:30 14:45		HaClass=SN Importance=C4 Peakc/s=1503 4995/14 8800/28	NO7W89 Qual=03 Qual=01	AR4468 Tot Cts=35717	Mac.=CAO MaxkeV=128	Carr.Lon.=147deg Flags=M5,FS	H.Ang≃90deg
HXRBS* 14:44:25 14:44 Radio Sweeps Typ	End times 15:00 13:145:16 Intensity:	SMM Pointing: Importance=C1 Peakc/s=76 V/1	S05W00 Qual=05 Qual=01		Pitch=-3", Yaw=-	, Yaw=-2", Roll=Odeg	H.Ang=Odeg
Event # = 6941 84/04/22,17:12 DOY=11: Start Peak GOES 17:10 17:12 HXRBS* 17:12:45 17:12:	13 End times 17:13:06	SMM Pointing: Importance=Cl Peakc/s=91	\$05W00 Qual=03 Qual=01 84704724	Tot Cts=252	Pitch=-3", Yaw=-2", Roll=Odeg MaxkeV=48	2", Roll=0deg	H.Ang=Odeg
Event # = 6946 84/04/24,17:28 DOY=115 Start Peak End tim Optical GOES 17:24 17:28 17:34 HXRBS* 17:25:37 17:27:20 17:31:4; Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)	s con	SMM Pointing: HaClass=18 Importance=M1 Peakc/s=8974 V/2 245/180 8800/25	\$05400 \$13E43 Qual=01 Qual=03	Tot	Pitch=-3", Yaw=-3", Roll=Odeg Mac.=FKI Carr.Lon.=3 MaxkeV=172 Flags=M5,ES	3", Roll=Odeg Carr.Lon.=347deg Flags=M5, ES, FS	H.Ang=0deg
Event # = 6948 84/04/24,18:05 DOY=119 Start Peak Optical GOES 18:02 HXRBS* 18:04:13 18:05 HXRBS* 18:02:35 18:02:4	End times 18:08 17 18:05:03	SMM Pointing: HaClass=SB Importance=C2 Peakc/s=124	SO5WOO S10E51 Qual=03 Qual=01 Associated Qual=01	AR4474 Tot Cts=462 Event # = 6947 Tot Cts=215	Pitch=-3", Yaw=-: Mac.=FKI MaxkeV=48 ————————————————————————————————————	,Yaw=-3",Roll=Odeg Carr.Lon.=338deg	H.Ang=Odeg H.Ang=51deg
Event # = 6949 84/04/24,19:08 DOY=119 Start Peak Optical GOES 19:06 19:08 HXRBS* 19:06:57 19:07:1	5 End times 19:10 13 19:09:45	SMM Pointing: HaClass=SF Importance=C1 Peakc/s=90	\$05W00 \$10E49 Qual=01 Qual=01	AR4474 Tot Cts=717	Pitch=-3", Yaw=-3 Mac.=FKI MaxkeV=48	, Yaw=-3", Roll=Odeg Carr.Lon.=340deg	H.Ang=0deg H.Ang=49deg
Event # = 6950 84/04/24,20:21 D0Y=115 Start Peak End times Optical GOES 20:13 20:21 20:25 HXRBS* 20:14:07 20:19:04 20:24:29 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	15 End times 20:25 :04 20:24:29 e/Intensity:)/Flux(sfu):	SMM Pointing: HaClass=SB Importance=M1 Peakc/s=1030 V/2 245/190 410/760 6	\$05W00 \$11E56 Qual=04 Qual=01 606/1700 1	Pointing: S05W00 Pitch=-2", Yaw=-3", Roll=0dc/s=1030 Qual=01 Tot Cts=1.45E+5 MaxkeV=128 Flags=M5, 190 410/760 606/1700 1415/270 2695/110 4995/39 8800/86 15400/15	Pitch=-2", Yaw=-3", Roll=0deg Mac.=FKI Carr.Lon.=3: MaxkeV=128 Flags=M5, FS 74995/39 8800/86 15400/15	3",Roll=Odeg Carr.Lon.=332deg Flags=M5,FS 5 15400/15	H.Ang=Odeg H.Ang=56deg

Event # = 6951 84/04/24,21:43 Start Optical GOES 21:35 HXRBS* 21:56:08	DOY=115 Peak End tii 21:43 22:10 3 21:57:01 21:57:	mes 39	SMM Pointing: HaClass=1N Importance=C4 Peakc/s=74	S05W00 S11E45 Qual=05 Qual=01	AR4474	Pitch=-2",Yaw=-3",Roll=Odeg Mac.=FKI Carr.Lon.=342deg MaxkeV=48	H.Ang=Odeg H.Ang=45deg
Z 9		y	SMM Pointing: Importance=CI Peak C/s=92	\$05W00 Qual=01	Tot Cts=1361	Pitch=+0", Yaw=+0", Roll=Odeg MaxkeV=48	H.Ang=Odeg
24,22:45 24,22:45 Start 22:40 22:45:2	D0Y=115 Peak 22:45:4	End times 22:57 22:46:10	SMM Pointing: HaClass=SN Importance=C1 Peakc/s=79	\$05W00 \$11E46 Qual=03 Qual=01	AR4474 Tot Cts=461	Pitch=+0", Yaw=+0", Roll=Odeg Mac.=FKI Carr.Lon.=341deg MaxkeV=48	H.Ang=Odeg H.Ang=46deg
Event # = 20525 84/04/24,23:20 Start GOES 23:17 BCS 23:23 Radio Sweeps Radio Frequenc	DOY= Peak 23:2(23:2/ Ty y (MH	115 End times 23:26 4 23:25 pe/Intensity: 2)/Flux(sfu):	SMM Pointing: Importance=C2 CaPeak.c/s=24 III/1 245/270 410/120	\$05W00 Qual=05 Qual= 4 606/45	FePeak=23:24	Pitch=+0",Yaw=+0",Roll=Odeg FePeak.c/s=8 #Peaks=1	H.Ang=Odeg XEN=411500
Event # = 6954 84/04/24,23:31 Start GOES 23:29 HXRBS* 23:29:28 BCS 23:30	DOY=115 Peak 23:31 9 23:30:48 23:31	End times 23:35 23:31:57 23:34	SMM Pointing: Importance=C1 Peakc/s=62 CaPeak.c/s=23	\$10E35 Qual=01 Qual=01 Qual= 1	Tot Cts=966 FePeak=23:31	Pitch=+100", Yaw=+535", Roll=Odeg MaxkeV=48 FePeak.c/s=9 #Peaks=1	H.Ang=35deg XEN=411501
Event # = 6955 84/04/25,00:05 Optical GOES 23:54 HXRBS* 23:52:13 GRS 23:59:00 BCS 23:53 Radio Sweeps Radio Frequency	955 105 DOY=116 t Peak End t 4 00:05 01:06 2:13 00:01:07 03:33 9:00 00:22 08:15 x Type/Intensi quency(MHz)/Flux(sf	imes: 40	SMM Pointing: \$10E35 HaClass=38 \$12E43 Importance=X10 Qual=03 Peakc/s=231300Qual=13 Max.E.MeV= 1.0 CaPeak.c/s=8221 Qual= 3 III/2 IV/3 245/2.2E5 410/3.2E5 606/	84/04/25 S10E35 S12E43 Qual=03 Qual=13 Qual= 3	D0Y=116 AR4474 Tot Cts=1.49E+8 FePeak=00:13	4/25 D0Y=116 5 Pitch=+100", Yaw=+535", Roll=Odeg H.Ang=35 3 AR4474 Mac.=FKI Carr.Lon.=343deg H.Ang=43 03 13 Tot Cts=1.49E+8 MaxkeV=401 Flags=M5, EN, IN >10MeV=Y 3 FePeak=00:13 FePeak.c/s=8786 #Peaks=1 dt=11.3s XEN=4115 606/22000 1415/20000 2695/37000 4995/18000 8800/21000 15400/17000	H.Ang=35deg H.Ang=43deg XEN=411502 5400/17000
Event # = 6956 84/04/25,04:52 Start GOES HXRBS* 04:52:39	DOY=116 Peak 9 04:52:57	End times 7 04:53:34	SMM Pointing: Peakc/s=71	\$10E35 Qual=00 Qual=01	Tot Cts=479	Pitch=+101", Yaw=+536",Roll=Odeg MaxkeV=48	H.Ang=35deg

Hac.=FKI Carr.Lon.=333deg Hac.=FKI Carr.Lon.=333deg Hac.=FKI Carr.Lon.=333deg Hac.=FKI Carr.Lon.=333deg Hac.=FKI Carr.Lon.=33deg Hac.=FKI Carr.Lon.=33deg Hac.=FKI Carr.Lon.=33deg Hac.=FKI Carr.Lon.=33deg Hac.=FKI Carr.Lon.=34deg Hac.=FKI Carr.Lon.=33deg Hac.=FKI Carr.Lon.=35deg Hac.=FKI Carr.Lon.=45deg Hac.=FKI Carr.FKI Carr.Lon.=45deg	Event # = 6957 84/04/25,06:03 DOY=116 Start Peak End times	SMM Pointing:	\$10E35		Pitch=+100", Yaw=+535", Roll=Odeg	H.Ang=35deg
007-116 End times 06:105-80 66:108.7 Capeak.C/s-a/2 Oual-0 Febeak-C/s-2 Febaks-1 Capeak.C/s-a/2 Oual-0 Oual-0 Capeak.C/s-a/2 Oual-0 Oual-0	06:03 06:0		\$13E50 0ual=01	AR4474		H.Ang=50deg
907*116 SPM Pointing: \$10E35 Pitch=+100", Yaw=+535", Roll-Odeg Peak Qual=00 Tot Cts=1037 MaxkeV=108 D07*116 SMH Pointing: \$10E35 AR4474 Mac.=FKI Carr.Lon.=344deg D07*116 B11:05:33 11:081 PacCfs=119 Qual=01 Tot Cts=604 Mac.=FKI Carr.Lon.=34deg 11:07 B11:05:33 11:081 PacCfs=119 Qual=01 Tot Cts=604 Mac.=FKI Carr.Lon.=34deg 11:07 A11:07 Capak.Cfs=67 Qual=01 Tot Cts=604 Mac.=FKI Carr.Lon.=34deg ncy(Ma2)/Flux(sfu): Z45/18 606/36 4995/22 8800/49 15400/20 FePeak.cfs=13 FePeak.cfs=6 Petaf.11.3s FePeak.cfs=13 FePeak.cfs=6 Petaf.11.3s FePeak.cfs=6 Petaf.11.3s FePeak.cfs=6 Petaf.11.3s Petaf.11.3s FePeak.cfs=6 Petaf.11.3s Petaf.11.3s Petaf.	56:00:09 06:01:58 06:08:0 56:00 06:05 06:10 Frequency(MHz)/Flux(sfu)	Peakc/s=471 CaPeak.c/s=83 4995/39 8800/16	Qual=01 Qual= 1 Qual= 1 15400/45	Cts=20763 ak=06:05	=22 #Peaks=1	3s XEN=411632
8 06:14:29 06:14:52 Peakc/s=92 Qual=00 100*=116 100*=116 11:05 11	vent # = 6958 4/04/25,06:14 DOY=116 Start Peak End	i i	\$10E35		Pitch=+100", Yaw=+535", Roll=Odeg	H.Ang=35deg
DOY=116	06:13:58 06:14:29 06:1	eakc/	Tot	Cts=1037	MaxkeV=108	
11:05	4/04/25,11:08 DOY=116	SE SE	\$10E35		Pitch=+101", Yaw=+535", Roll=Odeg	H.Ang=35deg
8 ii:05:53 ii:08:15 PakC/s=119 Qual=10 Tot Cts=5604 PaxkeV=87 PakC/s=119 Qual=1 FePeak=11:06 FeDeak.C/s=13 #Peaks=2 dt=11.3s ncy (HHz)/Flux(sfu): 245/18 606/36 4995/22 8800/49 15400/20 Pitch=+101", Yaw=+535", Roll=0deg Peak HaClass=S8 S10E45 AR4474 Pac.=FKI Carr.Lon.=333deg Ii:08 Ii:09 Importance=M1 Qual=05 FePeak=15:08 FePeak.c/s=8 #Peaks=1 Carr.Lon.=333deg Ii:08 Importance=M1 Qual=05 FePeak=15:08 FePeak.c/s=8 #Peaks=1 Carr.Lon.=333deg Ii:08 Importance=M1 Qual=05 FePeak=15:08 FePeak.c/s=8 #Peaks=1 Carr.Lon.=333deg Ii:08 Importance=M1 Qual=05 FePeak=15:08 FePeak.c/s=8 #Peaks=1 Repeak.c/s=18	13	HaClass=SF		4R4474		H.Ang=36deg
DOY=116 DOY=116 DOY=116 DOY=116 DOY=116 DOY=116 End times HaClass=SB S10E45 AR4474 AR274 AR274 AR2.=FKI Carr.Lon.=333deg L5.08 L5.08 L5.10 Type/Intensity: V/2 DOY=116 DOY	HXRBS* 11:01:38 11:08:15 BCS 11:00 11:07 11:25 Radio Frequency(MHz)/Flux(sfu):	Importance-cz Peakc/s=119 CaPeak.c/s=65 245/18 606/36 49	Qual=04 Qual=01 Tot (Qual= 1 FePea 95/22 8800/49 1	Cts=5604 ak=11:06 15400/20	s=13 #Peaks=2	3s XEN=411613
15:08	vent # = 20526 4/04/25,15:03 DOY=116 2+art Peat End tim	SMM Pointing:			Pitch=+101", Yaw=+535", Roll=Odeg	H.Ang=35deg
15:08 15:08 15:08 15:09 15:08 17:08 17:0	3td tdk till till 133 15:00	HaClass=SB	S10E45			H.Ang=45deg
ncy(MHz)/Flux(sfu): 245/2600 410/2600 606/7500 1415/780 2695/95 4995/45 8800/220 15400/450 D0Y=116 SMM Pointing: S10E35 Pitch=+101", Yaw=+535", Roll=0deg Peak HaClass=18 S14E26 AR4474 Mac.=FKI Carr.Lon.=350deg 17:54 18:36 Importance=C7 Qual=04 Qual=7 FePeak=18:19 FePeak.c/s=22 #Peaks=1 18:19 19:10 CaPeak.c/s=148 Qual=7 FePeak=18:19 FePeak.c/s=22 #Peaks=1 B0Y=116 SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg Peak CaPeak.c/s=31 Qual=0 Pitch=+100", Yaw=+535", Roll=0deg B0Y=116 SMM Pointing: S10E35 FePeak=19:52 FePeak.c/s=7 #Peaks=1 B0Y=116 SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg B0Y=116 SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg B0X=116 A10/11 606/120 Qual=05 B0X=116 Peak Pitch=+100", Yaw=+535", Roll=0deg B0X=10 Peak Peak=100", Yaw=+535", Roll=0deg	15:08 15:08 15:11 Number Type Ty	Capeak.c/s=64	Qual= 5	ak=15:08		XEN=411631
DOY=116 SMM Pointing: S10E35 Pitch=+101", Yaw=+535", Roll=Odeg Peak HaClass=18 S14E26 AR4474 Mac.=FKI Carr.Lon.=350deg 17:54 18:36 Importance=C7 Qual=04 Pepeak=18:19 FePeak.c/s=22 #Peaks=1 18:19 19:10 CaPeak.c/s=148 Qual=7 FePeak=18:19 FePeak.c/s=22 #Peaks=1 8 DOY=116 SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg 9 CaPeak.c/s=31 Qual=0 Peak FePeak=19:52 FePeak.c/s=7 #Peaks=1 9 SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg Pitch=+100", Yaw=+535", Roll=0deg 9 SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg Pitch=+100", Yaw=+535", Roll=0deg 20:33 20:45 Importance=C2 Qual=05 FePeak=20:13 FePeak.c/s=8 #Peaks=1	Frequency (MHz)/Flux(sfu)	245/2600 410/260	0 606/7500 1415	5/780 2695/9	5 4995/45 8800/220 15400/450	
17:54 18:36	DOY=116	Pointing	\$10E35		Pitch=+101", Yaw=+535", Roll=Odeg	H.Ang=35deg
18:19 19:10 table to the control of	17.54 18.36	HaClass=18				H.Ang=27deg
8	17:43 18:19 19:10 Frequency(MHz)/Flux(sfu)	Capeak.c/s=148 1415/16 2695/17		ak=18:19 5		XEN=411614
19:52 20:05 CaPeak.c/s=31 Qual= 5 FePeak=19:52 FePeak.c/s=7 #Peaks=1 ncy(MHz)/Flux(sfu): 410/11 606/120 10:52 20:05 CaPeak.c/s=31 Qual= 5 FePeak=19:52 FePeak.c/s=7 #Peaks=1 Qual=00 19:52 20:05 CaPeak.c/s=31 Qual= 5 FePeak=19:52 FePeak.c/s=7 #Peaks=1 Qual=00 19:52 20:05	vent # = 20528 4/04/25,19:52 DOY=116 Start Peak End		S10E35		Pitch=+100", Yaw=+535", Roll=Odeg	H.Ang=35deg
9 00Y=116 SMM Pointing: S10E35 Pitch=+100",Yaw=+535",Roll=0deg Peak End times 20:33 20:45 Importance=C2 Qual=05 20:27 20:51 CaPeak.c/s=34 Qual= 7 FePeak=20:13 FePeak.c/s=8 #Peaks=1	19:52 19:52 20:0 Frequency(MHz)/Flux(s	CaPeak.c/s=31 410/11 606/120				XEN=411616
20:33 20:45 Importance=C2 Qual=05 20:27 20:51 CaPeak.c/s=34 Qual= 7 FePeak=20:13 FePeak.c/s=8 #Peaks=1	9 00Y=116 peak	S.	S10E35		Pitch=+100", Yaw=+535", Roll=Odeg	H.Ang=35deg
	20:33					XEN=411617

Event # = 6961 84/04/25,20:48	D0Y=116	SMM Pointing:	S10E35		Pitch=+100", Yaw=+535", Roll=Odeg	H.Ang=35deg
Start GOES HXRBS* 20:48:29		s Peakc/s=62	Qual=00 Qual=01	Tot Cts=317	MaxkeV=48	
Event # = 6962 84/04/25,21:45	D0Y=116	SMM Pointing:	S10E35		Pitch=+100", Yaw=+535", Roll=Odeg	H.Ang=35deg
Start GOES 21:35 HXRBS* 21:42:53 BCS 21:38 FCS	Peak End times 21:45 21:45 22:03 22:15 21:52	Importance=C2 Peakc/s=68 CaPeak.c/s=38 Peak3c/s=106	Qual=01 Qual=01 Qual= 1	Tot Cts=296 FePeak=22:03	MaxkeV=48 FePeak.c/s=8 #Peaks=2 dt=11.3s	XEN=411600
Event # = 6963 84/04/25,23:11	D0Y=116	SMM Pointing:	S10E35		Pitch=+101", Yaw=+536", Roll=Odeg	H.Ang=35deg
Start Optical	Peak		S13E30	AR4474	Mac.=FKI Carr.Lon.=343deg	H.Ang=31deg
GOES 23:06 HXRBS* 23:07:57 BCS 23:08	23:11 23:15 7 23:08:59 23:11:17 23:10 23:22	Importance=C3 Peakc/s=96 CaPeak.c/s=46	Qua!=01 Qua!=01 Qua!= 1	Tot Cts=2410 FePeak=23:09	MaxkeV=48 FePeak.c/s=15 #Peaks=1	XEN=411627
Event # = 6964 84/04/25,23:35	00Y=116	SMM Pointing:	S10E35		Pitch=+101", Yaw=+536", Roll=Odeg	H.Ang=35deg
	23:35 23:50 23:34:07 23:36:18 23:35 23:47	Importance=C2 Peakc/s=113 Capeak.c/s=49	Qual=01 Qual=01 Qual= 1	Tot Cts=4123 FePeak=23:34	MaxkeV=87 FePeak.c/s=12 #Peaks=1	XEN=411630
Radio Sweeps Radio Frequenc HXRBS* 23:39:08	Weeps Jype/Intensity: Frequency(MHz)/Flux(sfu): 	111/1 245/360 410/98 Peakc/s=72	606/98 1415/120 Associated Even Qual=01 Tot	5/120 Event # = 6965 Tot Cts=1621		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			84/04/26	5 D0Y=117		
Event # = 6966 84/04/26,00:46	D0Y=117	SMM Pointing:	S88E03		Pitch=+949", Yaw=+2", Roll=Odeg	H.Ang=84deg
Start Optical GOFS 00:38	Peak End times 00:46 00:51	A		AR4474	Mac.=FKI Carr.Lon.=334deg	H.Ang=39deg
	00:38:45 00:47:35 00:52:39 weeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Peakc/s=903 111/2 245/220 410/850	Qua1=0 506/33	1 Tot Cts=1.42E+5 MaxkeV=196 1415/220 2695/28 4995/58 8800	-5 MaxkeV=196 4995/58 8800/70 15400/110	
Event # = 6967 84/04/26,01:18	D0Y=117	SMM Pointing:	N00W85		Pitch=+1", Yaw=-951", Roll=Odeg	H.Ang=85deg
Start Optical	Peak		\$13E29	AR4474	Mac.=FKI Carr.Lon.=343deg	H.Ang=30deg
GOES 01:15 HXRBS* 01:17:38 	01:18 8 01:17:57 01:18:28 	Importance=t2 Peakc/s=89 Peakc/s=69	Qual=01 Qual=01 Associated Qual=01	Event # = 6968 Tot Cts=221	MaxkeV=48 MaxkeV=48	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

H.Ang=28deg	H.Ang=30deg XEN=411700	s/p1xe1	H.Ang=28deg	H.Ang=31deg H.Ang=71deg	XEN=411703 1.024s/pixel Yaw=+436"	H.Ang=28deg	XEN=411706 1.024s/pixel ,Yaw=+436"	H.Ang=28deg	XEN=411710 1.024s/pixel ,Yaw=+436"	H.Ang=28deg	XEN=411713 1.024s/pixel Yaw=+436"	H. Ang=28deg H. Ang=37deg	XEN=411714 1.024s/pixel
H.Ang	38		H.Ang			H.Ang	3s XEN=4 32s 1.024 +67", Yaw=+	H.Ang	XEN=4 32s 1.024 +67", Yaw=+	H. Ang	3s XEN=411713 32s 1.024s/pix +67", Yaw=+436"	H.Ang	
, Roll=Odeg	Carr.Lon.=343deg #Peaks=2 dt=11.3s Sten=10" Cad= 022e		, Roll=Odeg	Carr.Lon.=341deg Carr.Lon.=82deg	=1 dt=11.3s .0" Cad= 922s)" Pitch=+67",	,Roll=Odeg	=1 dt=11.3s 0" Cad= 332s " Pitch=+67",	Roll=Odeg	=1 0" Cad= 332s " Pitch=+67",	Roll=Odeg	=1 dt=11.3s 0" Cad= 332s " Pitch=+67",	+437", Roll=Odeg Carr. Lon.=334deg	=1 dt=11.3s 0" Cad= 922s
, Yaw=+434"			, Yaw=+437"	Carr.l	8 #Peaks=1 00" Step=10" Step=0"	, Yaw=+437",	18 #Peaks=1 80" Step=10" Step=0"	, Yaw=+437", Roll=Odeg	7 #Peaks=1 30" Step=10" Step=0"	Pitch=+129", Yaw=+437", Roll=Odeg	34 #Peaks=1 30" Step=10" Step=0"	, Yaw=+437", Carr.L	.6 #Peaks=1 00" Step=10"
Pitch=+133"	Mac.=FKI MaxkeV=108 FePeak.c/s=12 Rast=300"x300"	43 L-300 Ay	Pitch=+129"	Mac.≖FKI	FePeak.c/s=8 Rast=300"x300" Rast=10"x10"	Pitch=+129"	FePeak.c/s=18 Rast=180"x180" Rast=10"x10"	Pitch=+129",	FePeak.c/s=7 Rast=180"x180" Rast=10"x10"	itch=+129",	FePeak.c/s=34 Rast=180"x180" Rast=10"x10"	Pitch=+129", Mac.=FKI	FePeak.c/s=16 Rast=300"x300"
	AR4474 P Tot Cts=1759 P FePeak=02:21 F	-		AR4474 PAR4469	FePeak=03:48 F F Exp #=16969 R		FePeak=04:08 F Exp #=16969 R		ø	d	∞	P AR4474 M	FePeak=05:21 F
<u>∞</u>			∞					80		80			
\$12528	1 S12E29 Qual=01 1 Qual=01 Qual= 1	-	\$12E28	\$13E30 \$17W71 \$17W71	Qual= 4 7 25A Code=00 27	\$12E28	Qual=01 Qual= 1 25A Code=01	\$12E28	Qual=00 Qual= 1 25A	\$12E28	Qual=00 Qual= 3 25A		(ual=05 6 (ual= 5 6 5 55
SMM Pointing:	HaClass=SN Importance=C2 Peakc/s=311 CaPeak.c/s=41 Peak3c/s=107	245/245	SMM Pointing:	HaClass=SN HaClass=SF	Mayelength=1525A (4995/20 8800/27	SMM Pointing:	Importance=C2 CaPeak.c/s=23 Peak3c/s=142 Wavelength=1525A	SMM Pointing:	CaPeak.c/s=31 Peak3c/s=85 Wavelength=1525A	SMM Pointing:	CaPeak.c/s=34 Peak3c/s=81 Wavelength=1525A	SMM Pointing: HaClass=SB	Importance=co CaPeak.c/s=126 Peak3c/s=326 4995/18 A800/55
Fnd + impo	3 02:20	Flux(sfu):	Fnd times	.5.5	04:04 /Flux(sfu):	1 .	04:15 04:23	End times	e e	Fnd times	4 5	nd times	05:20 05:29 /Flux(sfu):
D0Y=117	02:20 02:20:5 02:22 02:18	y(MHz)/	0 DOY=117 Peak	ິ	3:44 03:48 03:56 3:46 Frequency (MHz) //	1 DOY=117	04:10 04:08 04:10	2 D0Y=117 Peak	. 00	3 D0Y=117 Peak		DOY=	5:13 03:19 5:19 05:19 05:42 Frequency(MHz)/F
Event # = 6969 84/04/26,02:20 Start			: # = 20530 1/26,03:50 Start	a] (a)	0 0	t # = 20531 4/26,04:10	04:03 04:05 03:46	# = 20532 /26,04:28 Start	04:28	; # = 20533 1/26,04:42 Start	04:34		05:19 05:19 Frequer
Event 84/04	Optical GOES HXRBS* BCS FCS	Radio	Event # 84/04/26	Optic Optic GOFS	BCS FCS UVSP Radio	Event 84/04/	GOES BCS FCS UVSP	Event 84/04/	GOES BCS FCS UVSP	Event 84/04/	GOES BCS FCS UVSP	Event 84/04/2	S S S S S S S S S S S S S S S S S S S

/26,05:40	DOY=117		SMM Pointing:	S12E27		Pitch=+130", Yaw	, Yaw=+417", Roll=Odeg	H.Ang=27deg
Start ptical	Peak	ind times	HaClass=SB	S13E36	AR4474	Mac.=FKI	Carr.Lon.=334deg	H.Ang=37deg
05:31 05:40 (05:38:23 05:38:49 (05:29 05:40 (05:40)	05:40 05:38:49 05:40 05:42)5:51)5:40:42)6:19	Importance=C5 Peakc/s=123 CaPeak.c/s=178 Peak3c/s=326	Qual=01 Qual=01	Tot Cts=2847 FePeak=05:39	MaxkeV=48 FePeak.c/s=26 Rast=300"x300"	Flags=I #Peaks=1 dt=11.3s Step=10" Cad= 922s	XEN=411732 s 1.024s/pixel
requen 05:31:44	cy(mHz)/r 05:33:12	.x(sru); .5:33:52	4993/10 0000/23 A Peakc/s=98	Associated Qual=01	Event # = 7453	MaxkeV=48	Flags=I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 20743 84/04/26,05:40 Start BCS 05:29 FCS	DOY=117 Peak 05:40 05:42	End times 06:19	CaPeak.c/s=178 Peak3c/s=326		FePeak=05:39	FePeak.c/s=26 Rast=300"x300"	#Peaks=1 dt=11.3s Step=10" Cad= 922s	XEN=411732 s 1.024s/pixel
Event # = 20535 84/04/26,06:59	D0Y=117		SMM Pointing:	\$12E26		Pitch=+130",Yaw	, Yaw=+414", Roll=Odeg	H.Ang=27deg
Start al al	Peak	times	HaClass=1B HaClass=SF	\$11E27 \$10W31	AR4474 AR4472	Mac.=FKI	Carr.Lon.=342deg Carr.Lon.=40deg	H.Ang=27deg H.Ang=31deg
GOES 06:52 BCS 07:16 FCS	06:59 07:16 07:20		<pre>Importance=M1 CaPeak.c/s=122 Peak3c/s=189</pre>	Qual=05 Qual= 5	FePeak=07:16	FePeak.c/s=17 Rast=180"x180"	#Peaks=1 Step=10" Cad= 332	XEN=411716 s 1.024s/pixel
Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/i		11/2 IV/2 245/1700 410/92	606/73 14]	606/73 1415/130 2695/55 4	4995/77 8800/71 1	15400/54	
vent # = 7491 4/04/26,07:33	D0Y=117		SMM Pointing:	S12E26		Pitch=+130", Yaw	, Yaw=+414", Roll=0deg	H.Ang=27deg
Start	Peak	.⊞es		S09W32	AR4472	Mac.=CSO	Carr.Lon.=41deg	H.Ang=32deg
07:24 07:24:12 07:16 Frequen	07:33 07:25:4 07:16 07:20 cy(MHz)/	07:41 07:27:06 07:45 lux(sfu):	Importance=C5 Peakc/s=91 CaPeak.c/s=122 Peak3c/s=189 245/93 1415/19 2	Qual=01 Qual=01 Qual= 5 2695/26 154	1 5 FePeak=07:16 15400/20	MaxkeV=48 FePeak.c/s=17 Rast=180"x180"	Flags=I #Peaks=1 Step=10" Cad= 332s	XEN=411716 2s 1.024s/pixel
Event # = 6970 84/04/26,09:04	D0Y=117		SMM Pointing:	S12E24		Pitch=+128", Yaw	, Yaw=+387", Roll=Odeg	H.Ang=25deg
Start		End times	Ha	S09E34	AR4474	Mac.=FKI	Carr.Lon.=334deg	H.Ang=34deg
GOES 08:54 07 HXRBS* 08:57:07 07 BCS 08:57 07 FCS 07:09	9:04 9:03:3 9:03 9:01 (MHz)/	09:14 :8 09:08:45 09:28 Flux(sfu):	Importance=M2 Peakc/s=3117 CaPeak.c/s=1788 Peak3c/s=106 410/400 606/330	Qual=01 Qual=02 Qual= 1	Tot Cts=4.82E+5 P FePeak=09:02 F 2695/170 4995/110	FePeak.c/s=539 FePeak.c/s=539 Rast=180"x180" 10 8800/150 15400/	Flags=M5,SN,FS #Peaks=1 Step=10" Cad= 3329 /220	XEN=411719 2s 1.024s/pixel
ent # = 20536 1/04/26,12:19	D0Y=117		SMM Pointing:	\$12E23		Pitch=+129", Yaw	, Yaw=+365", Roll=Odeg	H.Ang=24deg
Start cal		End times	HaClass=1B	S11E23	AR4474	Mac.=FKI	Carr.Lon.=343deg	H.Ang=24deg
11:37	12:19 12:24	12:37	CaPeak.c/s=54 Peak3c/s=160	Qual= 1	FePeak=12:19	FePeak.c/s=11 Rast=180"x180"	#Peaks=2 dt=11.3s Step=10" Cad= 332s	s XEN=411721 2s 1.024s/pixel

Event # = 6971 84/04/26,12:55 Start	DOY=117	End +imag	SMM Pointing:	S12E23		Pitch=+129", Yaw=+365", Roll=Odeg	H.Ang=24deg
Optical Optical GOES 12-40	2 2	2.21	HaClass=2B HaClass=SF		AR4474 AR4472	Mac.=FKI Carr.Lon.=343deg Carr.Lon.=39deg	H.Ang=24deg H.Ang=33deg
HXRBS* 13:12:28 13:12:2 BCS 13:11 13:11 FCS 13:14 Radio Frequency(MHZ)/	13:12:29 13:11 13:14 cy (MHz)/F	13:15:01 14:12 lux(sfu):	Importance=m2 Peakc/s=77 CaPeak.c/s=669 Peak3c/s=1294 1415/26 2695/77	Qual=05 Qual=01 Qual= 5 4995/79	Tot Cts=1134 FePeak=13:11 8800/74 15400/30	MaxkeV=48 FePeak.c/s=105 #Peaks=1	XEN=411731
Event # = 20537 84/04/26,16:42		- + + + + + + + + + + + + + + + + + + +	SMM Pointing:	\$12621		Pitch=+126", Yaw=+336", Roll=Odeg	H.Ang=22deg
GOES 16:37 BCS 16:37 FCS	16:42 16:39 16:38	n	<pre>Importance=C1 CaPeak.c/s=18 Peak3c/s=57</pre>	Qual=03 Qual= 1	FePeak=16:41	FePeak.c/s=10 #Peaks=1 dt=11.3s Rast=300"x300" Step=10" Cad= 922s	XEN=41173 1.024s/pi
Event # = 6972 84/04/26,18:15 Start	DOY=117 Peak	End times	SMM Pointing:	S12E20		Pitch=+127", Yaw=+312", Roll=Odeg	H.Ang=21deg
Optical GOES 18:02 HYPRS* 18:10:33	18:15	25	HaClass=1N Importance=C2	S09W36 Qual=01	AR4472	Mac.=CSO Carr.Lon.=39deg	H.Ang=36deg
200	7.11.0	06:11:0	reak() 3-03	ήαα i =0.1		Maxkev=48	
Event # = 6973 84/04/26,18:46 Start	j	End times	SMM Pointing:	S12E20		Pitch=+127", Yaw=+312", Roll=Odeg	H.Ang=21deg
9	18:46 18:46:08	18:47 18:46:52	<pre>Importance=C1 Peakc/s=89</pre>	Qual=01 Qual=01		MaxkeV=48	
Event # = 20538 84/04/26,22:51 Start	00Y=117 Peak	End times	SMM Pointing:	S12E18		Pitch=+126", Yaw=+285", Roll=Odeg	H.Ang=19deg
GOES BCS 22:48 FCS Radio Sweeps	22:51 22:53 22:49 Type/Intensit	 ?:	CaPeak.c/s=30 Peak3c/s=77 V/2	Qual=06 Qual= 1	FePeak=22:51	FePeak.c/s=15 #Peaks=1 Rast=300"x300" Step=10" Cad= 922s	XEN=411728 i 1.024s/pixel
Fyon+ # - 607A				84/04/27	D0Y=118		
7,00:17 Start	DOY=118 Peak	End times	SMM Pointing:	S05W00		Pitch=+0", Yaw=+6", Roll=Odeg	H. Ang=0deg
00:14				S10E08 Oual=04	AR4474	Mac.=FKI Carr.Lon.=352deg	H.Ang=10deg
HXRBS* 00:13:47 BCS 00:13 FCS		00:15:43 00:20	Peakc/s=54 CaPeak.c/s=20 Peak3c/s=29	Qual=01 Qual= 1	FePeak=00:17	MaxkeV=48 FePeak.c/s=9 #Peaks=1 dt=11.3s Rast=0"x0" Step=0" Cad=3840s	XEN=411800 3840s/pixel
Event # = 6975 84/04/27,00:28 Start	DOY=118 Peak	Fnd times	SMM Pointing:	S85E01		Pitch=+942", Yaw=+2", Rol]=Odeg	H.Ang=81deg
GOES 00:26 00:28 HXRBS* 00:26:56 00:27:44 Radio Frequency(MHz)/F	00:28 00:27:44 y(MHz)/F1		Importance=C1 Peakc/s=82 410/30	Qual=01 Qual=01		MaxkeV=108	

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Box. 1.1

Event # = 20539 84/04/27,01:16 Optical GOES 01:12 BCS 01:11 FCS	DOY=11 Peak 01:16 01:12 01:13 cv(MHz)	8 End times 01:19 01:13 /Flux(sfu):	SMM Pointing: S05WC HaClass=SB S13EC Importance=C3 Qual= CaPeak.c/s=14 Qual= Peak3c/s=20 245/3 410/23 606/100	\$05W00 \$13E09 Qual=02 Qual= 1 5/100	AR4474 FePeak=01:12	Pitch=+6", Yaw=-2", Roll=Odeg Mac.=FKI Carr.Lon.=3 FePeak.c/s=10 #Peaks=1 d Rast=0"x0" Step=0" C	",Roll=Odeg Carr.Lon.=350deg #Peaks=1 dt=11.3s Step=0" Cad=3840s	H.Ang=Odeg H.Ang=12deg S XEN=411801 3840s/pixel
Event # = 20593 84/04/27,01:38 Start Optical GOES 01:28 BCS 01:47 FCS Radio Frequen		End times 02:17 02:00	SMM Pointing: HaClass=SN Importance=C4 CaPeak.c/s=27 Peak3c/s=14 245/24 410/10 60	\$05W00 \$13E09 Qual=05 Qual= 5 G06/70	AR4474 FePeak=01:47	Pitch=+6",Yaw=-2",Roll=0deg Mac.=FKI Carr.Lon.=3 FePeak.c/s=9 #Peaks=1 Rast=180"x180" Step=10" C	",Roll=Odeg Carr.Lon.=350deg #Peaks=1 Step=10" Cad= 332s	H.Ang=Odeg H.Ang=12deg XEN=411802 2s 1.024s/pixel
Event # = 20540 84/04/27,04:27 Start Optical GOES 04:18 BCS 04:19 FCS	DOY=118 Peak 04:27 04:21 04:19	End times 04:29 04:22	SMM Pointing: HaClass=SB Importance=C1 CaPeak.c/s=27 Peak3c/s=29	S12E16 S09E16 Qual=02 Qual= 3	AR4474 FePeak=04:21	Pitch=+127", Yaw: Mac.=FKI FePeak.c/s=27 Rast=180"x180"	<pre>Pitch=+127", Yaw=+261", Roll=Odeg Mac.=FKI</pre>	H.Ang=18deg H.Ang=17deg s XEN=411805 2s 1.024s/pixel
Event # = 20542 84/04/27,05:28 Start Optical GOES 05:20 BCS 05:04 FCS	DOY=118 Peak 05:28 05:22 05:05	End times 05:32 05:33	SMM Pointing: HaClass=SN Importance=C2 CaPeak.c/s=31 Peak3c/s=42	\$12E16 \$08E15 Qual=01 Qual= 1	AR4474 FePeak=05:20	Pitch=+126", Yaw Mac.=FKI FePeak.c/s=15 Rast=300"x300"	Pitch=+126",Yaw=+258",Roll=Odeg Mac.=FKI Carr.Lon.=342deg FePeak.c/s=15 #Peaks=1 Rast=300"x300" Step=10" Cad= 922s	H.Ang=18deg H.Ang=15deg XEN=411807 :2s 1.024s/pixel
Event # = 6978 84/04/27,05:41 Start Optical 60ES 05:32 HXRBS* 05:34 FCS Radio Sweeps Radio Frequenc	DOY=118 Peak 05:41 05:39:48 05:39 05:39 Type/11 ncy(MHz)/F	# = 6978 Start Peak End times Start Peak End times 105:32 05:34 05:34 05:34 05:34 05:34 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	SMM Pointing: HaClass=SB Importance=M2 Peakc/s=2624 CaPeak.c/s=701 Peak3c/s=105 III/2 245/17000 410/4	\$12E16 \$10E24 Qual=01 Qual=10 Qual= 1 4400 606/19 Associated Qual=01	SMM Pointing: S12E16 Pitch=+126", Yaw=+25 HaClass=SB S10E24 AR4474 Mac.=FKI Car Importance=M2 Qual=01 Tot Cts=1.59E+5 MaxkeV=172 Fla CaPeak.c/s=701 Qual=1 FePeak=05:40 FePeak.c/s=219 #Pe CaPeak.c/s=701 Qual=1 FePeak=05:40 FePeak.c/s=219 #Pe III/2 V/1 245/17000 410/4400 606/190 1415/130 2695/150 4995/83 8800/90	Pitch=+126", Yaw Mac.=FKI MaxkeV=172 FePeak.c/s=219 Rast=180"x180" 150 4995/83 8800 MaxkeV=150	Carr.Lon.=333deg Carr.Lon.=333deg Flags=M5,FS Flags=M5,FS 8800/90 Flags=N0, Cad= 332s	H.Ang=18deg H.Ang=24deg Ss XEN=411811 S2s 1.024s/pixel

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H.Ana=16dea	H.Ang=26deg	XEN=411814	1.024s/pixel ,Yaw=+229"	H.Ang=13deg	H.Ang=18deg	-	H.Ang=12deg	H.Ang≃18deg	XEN=411815	1.024s/pixel ,Yaw=+145"	H.Ana=12dea	XEN=411816	1.024s/pixel, Yaw=+117"	H.Ang=10deg	V =	; ;	H.Ang=9deg	H.Ang≕lldeg	, Yaw=+89"
, Roll=0deq	Carr.Lon.=331deg		Cad= 332s Pitch=+63"	, Roll=0deg	Carr.Lon.=336deg	Pitch=+63"	, Roll=Odeg	.=334deg		Cad= 922s Pitch=+63",	11=0deq		Cad= 922s Pitch=+63"	1]=0deg	Di+ch=+63"		Roll=Odeg	=355deg	Pitch=+63",
, Yaw=+230", Ro	Carr. Lon		Step=10" Step=3"	tw=+173", Ro	Carr.Lon		, Yaw=+145", Ro	Carr.Lon.=334deg	Flags=EN #Peaks=1		, Yaw=+143", Roll=0deg	#Peaks=2	Step=10" Step=10"	w=+118", Ro	Sten=10"	1	-	Carr.Lon.	Step=10"
Pitch=+125", Ya	Mac.=FKI	MaxkeV=48 FePeak, c/s=9	Rast=180"x180" Rast=240"x240"	Pitch=+129", Yaw=+173"	Mac.=FKI	MaxkeV=48 Rast=250"x250" 15400/210	Pitch=+130"	Mac.=FKI	MaxkeV=48 FePeak.c/s=84	Kast=300"x300" Rast=250"x250"	Pitch=+129", Ya	FePeak.c/s=6	Rast=300"x300" Rast=250"x250"	Pitch=+125", Yaw=+118", Roll=Odeg	MaxkeV=48 Rast=250"x250"	MaxkeV=48	Pitch=+126", Yaw=+93"	Mac.=FKI	MaxkeV=150 Rast=250"x250"
ere	AR4474	FePeak=07:31	Exp #=16970		AR4474	Tot Cts=4344 Exp #=16975 4995/180 8800/140		AR4474	Tot Cts=10049 FePeak=16:58	Exp #=16976		FePeak=19:07	Exp #=16977		Exp #=16978	Event # = 6982		AR4474	Tot Cts=1229 Exp #=16979
S12E14	S11E25	Qual=01 Qual=01 Qual= 3	4 Code=00 2695/26	\$12E11	\$14E16	Qual=05 Qual=02 695/89	S12E09	\$14E16	Qual=03 Qual= 3	. Code=01	\$12E09	Qual=05 Qual= 5	Code=02	S12E07	Qual=04 Qual=01 Code=00	· ·	S12E06	\$12W08	Qual=01 Code=00
SMM Pointing:	HaClass=SF	Peakc/s=88 CaPeak.c/s=40	Peak3c/s=5/ Wavelength=3090A (606/210 1415/10 26	SMM Pointing:	HaClass=1B	importance=n2 Peakc/s=86 Wavelength=1539A 606/21 1415/170 2	SMM Pointing:	HaClass=2N	Peakc/s=102 CaPeak.c/s=392	Wavelength=1539A	SMM Pointing:	Importance=M1 CaPeak.c/s=37	Peak3c/s=164 Wavelength=1539A	SMM Pointing:	Importance=C1 Peakc/s=64 Wavelength=1539A	111/2 Peak	SMM Pointing:	HaClass=SF	Peakc/s=103 Wavelength=1539A
	End times	07:31 07:31	:lux(sfu):	+	14.20	14:23:37 14:27:35 14:33:15 14:26 Frequency(MHz)/Flux(sfu):	Fnd +imes	7:22	16:58:51 16:58			19:40 19:53		Fod + imag	n	Type/Intensity: 	Fnd +imac	2:31	22:25:12
D0Y=118		6 07:28:37 07:31 07:32	6:49 Frequency(MHz)/Flux(sf	D0Y=118	14.11	7 14:27:35 1cy (MHz)/F	DOY=118 Peak	12	16:53:23 16:58 16:58	,	D0Y=118	19:05 19:07		DOY=118	20:45 20:46:06	, <u>S</u>	DOY=118	22:28	22:24:52
Event # = 6976 84/04/27,07:28	Start al 07:25	* 07:26:56 07:26	0	Event # = 6979 84/04/27,14:11	31 13.40	* 14:23:37 14:26 Frequen	Event # = 6980 84/04/27,17:09 Start	16:49	16:48:36 16:43	16:40	t # = 20541 4/27, 19:05	35a/1 18:40 19:07	19:09	# = 6981 27,20:45	20:40 5* 20:45:59 20:44	Sweeps 20:49:14	Event # = 6983 84/04/27,22:28 Start	al 22:20	22:24:24 22:18
Event 84/04,	Optic GOES	HXRBS* BCS FCs	UVSP Radio	Event 84/04,	Optica GOES	HXRBS* 1 UVSP 1 Radio	Event 84/04/	Optica GOES	HXRBS* 1 BCS 1	UVSP	Event 84/04/	8CS BCS	UVSP	Event 84/04/	GOES HXRBS* UVSP	Radio HXRBS*	Event 84/04/	Optica GOES	HXRBS* UVSP

HXRBS* 22:25:43 22:26:38	8 22:27:20	Peakc/s=75	Associated E Qual=01	Event # = 6984	MaxkeV=150		1 1 1 1 1 1 1 1
			84/04/28	D0Y=119			
Event # = 6985 84/04/28,04:45 DOY=119	-	SMM Pointing:	S12E02		Pitch=+129",Yaw∍	, Yaw=+30", Roll=0deg	H.Ang≐8deg
Start Peak	Mes	HaClass=SB	S14W06	AR4474	Mac.=FKI	Carr.Lon.=350deg	H.Ang=11deg
74:39 (74:37:17 (74:35)	:05	Importance=C3 Peakc/s=1128 Wayelength=1539A	Qual=01 Qual=01 Code=00	Tot Cts=24035 Exp #=16983	MaxkeV=219 Rast=250"x250"	Step=10" Pitch=+63"	, Yaw=+33"
weeps Frequency	Type/Intensity: /(MHz)/Flux(sfu):	V/2 245/160 410/10 606/20 1415/13	06/20 1415,	2695/29	4995/47 8800/76 1540	15400/40	
Event # = 6986 84/04/28,06:31 DOY=119		SMM Pointing:	\$12E02		Pitch=+128", Yaw	,Yaw=+32",Roll=Odeg	H.Ang≖8deg
Start	≡ es	HaClass=SF	\$13W12	AR4474	Mac.=FKI	Carr.Lon.=355deg	H.Ang≕15deg
GOES 06:29 06:31 HXRBS* 06:28:47 06:31:3 UVSP 06:31 Radio Sweeps Type/	06:34 7 06:32:29 Intensity:	Importance=C4 Peakc/s=120 Wavelength=1539A III/2	Qual=01 Qual=01 Code=02	Tot Cts=3470 Exp #=16984	MaxkeV=67 Rast=250"x250"	Step=10" Pitch=+63"	, Yaw=+33"
Event # = 6987 84/04/28,07:05 DOY=119		SMM Pointing:	S12E02		Pitch=+126", Yaw	, Yaw=+37", Roll=Odeg	H.Ang=8deg
Start	End times	HaClass=SF	S08E08	AR4474	Mac.=FKI	Carr.Lon.=335deg	H.Ang=9deg
)6:57 07:05)6:57:32 06:58:3)6:31	07:12 9 07:00:02	Importance=C2 Peakc/s=62 Wavelength=1539A	Qual=03 Qual=01 Code=00	Exp #=16984	MaxkeV=48 Rast=250"x250"	Step=10" Pitch=+63"	', Yaw=+33"
Event # = 6988 84/04/28,15:02 DOY=119		SMM Pointing:	S12W03		Pitch=+128", Yaw	,Yaw=-54",Roll=Odeg	H.Ang=8deg
Start Pe	⊊ ι	HaClass=SF	\$16W14	AR4474	Mac.=FKI	Carr.Lon.=352deg	H.Ang=18deg
GOES 14:59 15:02 HXRBS* 14:59:34 14:59:5 UVSP 14:39	15:05 50 15:00:27	Importance=Cl Peakc/s=65 Wavelength=1539A	Qual=02 Qual=01 Code=00	Exp #=16990	MaxkeV=48 Rast=250"x250"	Step=10" Pitch=+63"	', Yaw=-52"
Event # = 20543 84/04/28,20:23 DOY=119	-	SMM Pointing:	S15W06		Pitch=+176", Yaw=-	=-103", Roll=0deg	H.Ang=12deg
Start Pea cal	1 times	HaClass=2B	\$12W01	AR4474	Mac.=FKI	Carr.Lon.=336deg	H.Ang=8deg
GOES 20:15 20:23 BCS 20:19 20:22 FCS 20:19 20:32	20:33 20:49	Importance=C5 (CaPeak.c/s=196 (Peak3c/s=42	(ual=04 (ual= 4	FePeak=20:21	FePeak.c/s=38 Rast=420"x420"	#Peaks=1 Step=10" Cad=1806s	XEN=411900 1.024s/pixel
UVSP 20:20 Radio Frequency(MHz)/	Flux(sfu):	Wavelength=1539A 245/140 410/100	\ Code=00 606/290 14	Code=00 Exp #=16996 606/290 1415/110 2695/320	Rast=250"x250' 4995/150 8800/	•	
Event # = 6989 84/04/28,21:00 DOY=119	-	SMM Pointing:	S15W06		Pitch=+176", Yaw	, Yaw=-103", Roll=0deg	H.Ang=12deg
start Peak	- ·	HaClass=SN	S14W17	AR4474	Mac.=FKI	Carr.Lon.=352deg	H.Ang=19deg
HXRBS* 20:55 HXRBS* 20:56:35 20:56:5 BCS 20:57 21:01 UVSP 20:20	21:10 50 20:58:17 21:06	Importance-cz Peakc/s=85 CaPeak.c/s=24 Wavelength=1539A	Qual=01 Qual= 1 Qual= 1 Code=00	FePeak=21:01 Exp #=16996	MaxkeV=48 FePeak.c/s=8 Rast=250"x250"	#Peaks=1 dt= 7.7s X Step=10" Pitch=+112",	XEN=411905 2", Yaw=-104"

jes	SMM Pointing:	S15W07		Pitch=+178", Yaw=-107"	~	Roll=Odeg	H.Ang=13deg
)	Importance=Cl Peakc/s=438 CaPeak.c/s=21	Qual=04 Qual=01 Qual= 1	Tot Cts=3341 FePeak=21:58	MaxkeV=88 FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=411906
Flux(sfu):	Pedk3c/s=/9 Wavelength=1539A 15400/64	Code=02	Exp #=16997	Rast=250"x250"	Step=10"	Pitch=+112"	", Yаw=-104"
times	SMM Pointing:	S15W07		Pitch=+178", Yaw	, Yaw=-107", Roll	, Roll=Odeg	H.Ang=13deg
:01:22	Peakc/s=94 Wavelength=1539A	Qua]=00 Qua]=01	Exp #=16997	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+112"	', Yaw=-104"
+ imp	SMM Pointing:	S15W07		Pitch=+178", Yaw	, Yaw=-107", Roll=Odeg	=0deg	H.Ang=13deg
:40	Peakc/s=81 Wavelength=1539A	Qual=00 Qual=01	Exp #=16997	MaxkeV=128 Rast=250"x250"	Step=10"	Pitch=+112"	', Yaw=-104"
		84/04/29	9 DOY=120	The state of the s			
- i	SMM Pointing:	S15W08	•	Pitch=+178", Yaw	, Yaw=-134", Roll	, Roll=Odeg	H.Ang=14deg
Ê	HaClass=SF	S14W24	AR4474	Mac.=FKI	Carr.Lon.=357deg	357deg	H.Ang=26deg
о ·	Peakc/s=82 Wayelength=1539A	Qual=01 Qual=01 Code=00	Exp #=16998	MaxkeV=67 Rast=250"x250"	Step=10"	Pitch=+112"	', Yaw=-132"
fu): 1:27 fu):	111/2 2695/16 4995/34 Peakc/s=69 2695/20 4995/38	# 8800/41 15 Associated Qual=01	15400/37 :d Event # = 7865 Tot Cts=1186	MaxkeV=48	Flags=I	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	SMM Pointing:	S15W08		Pitch=+178", Yaw	, Yaw=-134", Roll	, Roll=Odeg	H.Ang=14deg
0	Importance=Cl Peakc/s=146 Wavelength=1539A	Qual=01 Qual=01 Code=00	Tot Cts=616 Exp #=16998	MaxkeV=48 Rast=250"x250"	Flags=I Step=10"	Pitch=+112"	, Yaw=-132"
	SMM Pointing:	S15W10		Pitch=+176", Yaw	, Yaw=-158", Roll	, Roll=Odeg	H.Ang=14deg
2 4	Importance=C4 Peakc/s=506 CaPeak.c/s=341 Peak3c/s=49 Wavelength=1539A	Qual=01 Qual=01 Qual= 4 Code=00	Tot Cts=3101 FePeak=02:50 Exp #=17000	MaxkeV=88 FePeak.c/s=90 Rast=300"x300" Rast=250"x250"	Flags=FS #Peaks=3 Step=10" Sten=10"	Cad= 922s Pitch=+112"	XEN=412000 1.024s/pixel
/Flux(sfu): 12_02:43:271	15400/52 As Peakc/s=73	Associated Qual=01	Event # = 6994		•	1 1 1	1

HXRBS* 02:46:26 02:46:49 02:47:24 HXRBS* 02:48:34 02:48:49 02:49:02	02:46:49 02 02:48:49 02	•	Peakc/s=333	Associated Qual=01 Associated Qual=01	Event # = 6996 Tot Cts=2747 Event # = 6997	MaxkeV=48 MaxkeV=48	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 6998 84/04/29,02:49 Start	D0Y=120 Peak	End times	SMM Pointing:	\$15W10		Pitch=+176",Yaw=-158",Ro	,Roll=Odeg H.Ang≖14deg
GOES HXRBS* 02:49:20 UVSP 02:39	02:49:46	02:51:26	Peakc/s=1161 Wavelength=1539A	Qual=01	Tot Cts=21606 Exp #=17000	MaxkeV=108 Rast=250"x250" Step=10"	Pitch=+112", Yaw=-159"
Event # = 6999 84/04/29,04:12	D0Y=120		SMM Pointing:	S15W10		Pitch=+176",Yaw=-158",Rc	,Roll=Odeg H.Ang=14deg
Start Peak GOES 04:09 04:12 HXRBS* 04:11:36 04:12:21 UVSP 04:14	Peak 04:12 04:12:21	end times 04:14 04:13:50	Importance=Cl Peakc/s=120 Wavelength=1539A	Qual=04 Qual=01 A Code=02	Tot Cts=2849 Exp #=17001	MaxkeV=48 Rast=250"x250" Step=10"	Pitch=+112", Yaw=-159"
Event # = 7000 84/04/29,04:35			SMM Pointing:	S15W10		Pitch=+174",Yaw=-153",Rc	, Roll=Odeg H.Ang=14deg
Staft 60ES 04:31 0 HXRBS* 04:30:26 UVSP 04:14	4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Eria Cillies 04:37 04:30:43	Importance=C1 Peakc/s=101 Wavelength=1539	Qual=01 Qual=01 A Code=00	Tot Cts=214 Exp #=17001 Event # = 7001	MaxkeV=48 Rast=250"x250" Step=10"	" Pitch=+112",Yaw=-159"
HXRBS* 04:34:11	4:34	1:22 04:34:39	Peakc/s≖68	4550cjateu Qual=01	דאפוור # - 100	MaxkeV=48	
Event # = 7002 84/04/29,04:48	DOY=120	Fod + impo	SMM Pointing:	S15W10		Pitch=+174",Yaw=-153",Roll=Odeg	oll=Odeg H.Ang=14deg
GOES HXRBS* 04:47:59 UVSP 04:14		9 2	Peakc/s=77 Wavelength=1539A	Qua]=00 Qua]=01 A	Exp #=17001	MaxkeV=48 Rast=250"x250" Step=10"	Pitch=+112",Yaw=-159"
Event # = 7003 84/04/29,04:51	DOY=120	Fnd times	SMM Pointing:	S15W10		Pitch=+174",Yaw=-153",R	,Roll=Odeg H.Ang=14deg
GOES HXRBS* 04:51:45 UVSP 04:14	10	04:5	Peakc/s=396 Wavelength≖1539A	Qual=00 Qual=01 A	Tot Cts=1403 Exp #=17001	MaxkeV=88 Rast=250"x250" Step=10"	" Pitch=+112",Yaw=-159"
Event # = 7005 84/04/29,06:44	DOY=120	South bun	SMM Pointing:	S15W11		pitch=+176",Yaw=-182",Roll=Odeg	oll=Odeg H.Ang≈15deg
GOES HXRBS* 06:43:38 UVSP 06:05		. 06:4	Peakc/s=81 Wavelength=1539A	Qual=00 Qual=01 A	Exp #=17002	MaxkeV=48 Rast=250"x250" Step=10"	" Pitch=+112", Yaw=-187"
Event # = 20199 84/04/29,06:45	9 D0Y=120	Fod +	SMM Pointing:	S15W11		Pitch=+176",Yaw=-182",R	,Roll=Odeg H.Ang=15deg
GOES 3.447L GOES 06:28 FCS 06:28 UVSP 06:05	06:45 06:28		CaPeak.c/s=87 Peak3c/s=44 Wavelength=1539A	Qua1=00 Qua1= 2	FePeak=06:28 Exp #=17002	FePeak.c/s=8 #Peaks=2 Rast=180"x180" Step=10" Rast=250"x250" Step=10"	2 XEN=412002 " Cad= 332s 1.024s/pixel " Pitch=+112", Yaw=-187"

Event # = 7004 84/04/29,07:12	1	SMM Pointing:	\$15W11		Di+ch=+176" Vs.	Value 182" Doll-0	200	1 A	
Start			1110		יים	m==102', x01l=∪4eg	g and	H.Ang=15deg	
Optical GOES 06:10	07:12	HaClass=1N Importance=M1	\$17E02 0ual=05	AR4474	Mac.=FKI	Carr.Lon.=327deg	:7deg	H.Ang=13deg	
HXRBS* 06:04:19 BCS 07:43 FCs	06:05:53 06:06:23 07:44 08:20	Peakc/s=190 CaPeak.c/s=213	Qual=01 Qual= 5	Tot Cts=4766 FePeak=07:44	MaxkeV=67 FePeak.c/s=18	#Peaks=1	= 3.8s	XEN=412006	
0	7:41 Frequency(MHz)/Flux(sfu):	Peak3c/s=584 Wavelength=1539A 606/130 1415/31 20	595/42	Exp #=17003 4995/56 8800/54	Rast=180"x180" Rast=250"x250" 15400/18	Step=10" Step=10"	Cad= 332s 1 Pitch=+112",	1.024s/pixel ",Yaw=-187"	
Event # = 7006 84/04/29,07:49 Start	DOY=120 Peak End times	SMM Pointing:	S15W11		Pitch=+176", Yaw=-182", Roll=Odeg	/=-182", Roll=0	qed	H.Ang=15deg	1
GOES HXRBS* 07:49:09 UVSP 07:41	07:49:40	Peakc/s=69 Wavelength=1539A	Qual=00 Qual=01	Exp #=17003	MaxkeV=48 Rast=250"x250"	Step=10" Pi	Pitch=+112"	', Yaw=-187"	
Event # = 8297 84/04/29,11:28 Start	DOY=120 Deak Fnd times	SMM Pointing:	S15W14		Pitch=+180", Yaw	, Yaw=-216", Roll=0deg	deg	H.Ang=17deg	1
Optical GOES 11:25	11:28 11:31		S13W30	AR4474	Mac.=FKI	Carr.Lon.=357deg		H.Ang*31deg	
HXRBS 11:26:55 UVSP 10:59	11:28:32 11:31:07	Peakc/s=65 Wavelength=1539A	Qual=03 Code=00	Tot Cts=536 Exp #=17005	MaxkeV=48 Rast=250"x250"	Flags=I,EN Step=10" Pi	Pitch=+113"	, Yaw=-214"	
Event # = 7007 84/04/29,14:35 Start	DOY=120 Peak End times	SMM Pointing:	S15W15		Pitch=+178", Yaw	, Yaw=-240", Roll=0deg		H.Ang=18deg	1
Optical GOES 14:31	14:41		\$12W26	AR4474	Mac.=FKI	Carr.Lon.=351deg		H.Ang=27deg	
HXRBS* 14:32:34 UVSP 14:10	14:33:34 14:36:20	Peakc/s=1200 Wayelength=3090A		Tot Cts=47163 Exp #=17007	MaxkeV=108 Rast=258"x258"	Step=3" Pit	Pitch=+114"	.Yaw=-241"	
	eeps lype/intensity: Frequency(MHz)/Flux(sfu):	V/1 245/95 2695/32 49	4995/150 88	8800/91 15400/25				!	
Event # = 8298 84/04/29,17:36 Start	DOY=120 Peak End times	SMM Pointing:	S04W00		Pitch=-2", Yaw=+0", Roll=Odeg	0", Roll=0deg		H. Ang=Odeg	1
Optical GOES 17:34	17:36 17:40	HaClass=SN	\$12E09	AR4476	Mac.=DKI	Carr.Lon.=315deg		H.Ang=12deg	
HXRBS 17:36:54 UVSP 17:23	17:37:03 17:37:14	₹	Qual=01 Code=00	Tot Cts=2231 Exp #=17011	MaxkeV=128 Rast=250"x250"	Flags=I Step=10" Pit	Pitch=-64",)	, Yaw=-5"	
Event # = 8299 84/04/29,18:27 Start	DOY=120 Peak Fnd times	SMM Pointing:	S15W18		Pitch=+181", Yaw	, Yaw=-289", Roll=Odeg		H.Ang=21deg	1
Optical Optical 60ES 18:24	18:46	HaClass=SN HaClass=SN	\$11W21 \$13E08	AR4474 AR4476	Mac.=FKI	Carr.Lon.=344deg Carr.Lon.=315deg		H.Ang=22deg H.Ang=12deg	
HXRBS 18:26:23 BCS 18:22 FCS	m	Peakc/s=1552 (CaPeak.c/s=47 (Peak3c/s=70	Qual=01 Qual= 1	Tot Cts=10429 FePeak=18:22	MaxkeV=128 FePeak.c/s=9	Flags=M, I #Peaks=1 S+co=0"	(2000	XEN=412007	
UVSP 18:24 Radio Frequenc	/Flux(sfu):	Wavelength=1539A 410/190 8800/26	Code=00	Exp #=17012	<u>.</u>		cau=30405 Pitch=+117",	., Yaw=-295"	

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Event # = 8300 84/04/29 18:55	D0Y=120		SMM Pointing:	S15W18		Pitch=+181", Yaw	, Yaw=-289", Roll	, Roll=0deg	H.Ang=21deg
Optical	Peak	End	.Class=SN	S12W22	AR4474	Mac.=FKI	Carr.Lon.=345deg		H.Ang=23deg
GOES 18:51 HXRBS 18:52:41 BCS 18:49	18:55 18:52:5 18:55	19:10 9 18:54:24 19:16	ortance=C3 cc/s=300 eak.c/s=110		Tot Cts=4485 FePeak=18:55	MaxkeV=67 FePeak.c/s=23	Flags=I #Peaks=3	dt= 7.7s	XEN=412012
FCS UVSP 18:24 Radio Sweeps Radio Frequen	18:49 Type/Intensity uency(MHz)/Flux(sfu)	Intensity: Flux(sfu):	Peak3c/s=33 Wavelength=1539A 111/3 8800/30 15400/44	Code=00	Exp #=17012	kast=420"x4z0" Rast=250"x250"		pitch=+117"	, Yaw=-295"
Event # = 7008 84/04/29,20:54	D0Y=120		SMM Pointing:	S15W18		Pitch=+181", Yaw	, Yaw=-289", Roll	, Roll=Odeg	H.Ang=21deg
Start GOES HXRBS* 20:54:19 UVSP 19:59	reak 1 20:54:2	_	Peakc/s=57 Wavelength=1539A	Qual=00 Qual=01	Tot Cts=164 Exp #=17013	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+117", Yaw=-295"	, Үам=-295"
Event # = 8301 84/04/29,21:38	D0Y=120		SMM Pointing:	S15W20		Pitch=+181", Yaw	, Yaw=-320", Roll=Odeg	=0deg	H.Ang=23deg
Start GOES HXRBS 21:36:36 UVSP 21:33	_	21:4	Peakc/s=616 Wavelength=1539A	Qual=00 Qual=01	Tot Cts=57334 Exp #=17014	MaxkeV=401 Rast=250"x250"	Flags=I Step=10"	Pitch=+118", Yaw=-321	, Yaw=-321"
Event # = 8302 84/04/29,23:22	D0Y=120		SMM Pointing:	S15W20		Pitch=+180", Yaw	, Yaw=-317", Roll=Odeg	l=0deg	H.Ang=22deg
Start Optical		i times	HaClass=SB	\$16W31	AR4474	Mac.=FKI	Carr.Lon.=352deg	=352deg	H.Ang≖33deg
GOES 23:11 HXRBS 23:12:19 UVSP 23:07	23:22 9 23:18:40	23:50 23:21:50	Importance=L3 Peakc/s=126 Wavelength=1539A	Qual=01 Code=00	Tot Cts=10617 Exp #=17015	MaxkeV=67 Rast=250"x250"	Flags≖I Step=10"	tch	Yaw=-321"
23:47:1	5 23:51:31	00:05:53	A	Associated Qual=03	Event # = 8303 Tot Cts=3369	MaxkeV=48	Flags=I,EN	1 1 1 1	1 1 1 1 1
Event # = 7009 84/04/29,23:58	DOY=120	semit bun	SMM Pointing:	S15W20		Pitch=+180", Yaw	, Yaw=-317", Roll=Odeg]=0deg	H.Ang=22deg
GOES HXRBS* 23:57:29 UVSP 23:07	23:	23:5	Peakc/s=62 Wavelength=1539A	Qual=00 Qual=01	Tot Cts=385 Exp #=17015	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+118",	', Yaw=-321"
, , , , , , , , , , , , , , , , , , ,				84/04/30	0 D0Y=121				
Event # = 7010 84/04/30,00:45	00Y=121	90#;+ P00	SMM Pointing:	S15W22		Pitch=+184", Yaw	, Yaw=-349", Rol	, Roll=Odeg	H.Ang=24deg
Optical		<u>ב</u>	HaClass=SB	\$16W31	AR4474	Mac.=FKI	Carr.Lon.=351deg	=351deg	H.Ang=33deg
GUES 00:00 HXRBS* 00:43:26 BCS 00:40	00:45 00:44:3 00:40:3	3 00:45:28 00:52	Peakc/s=76 CaPeak.c/s=48 Peak3_c/s=150	Qual=01 Qual=01	Tot Cts=371 FePeak=00:40	MaxkeV=48 FePeak.c/s=13 Rast=300"x300"	#Peaks=1 Step=10"	((ad= 922s	XEN=412100 1.024s/pixel
0	ncy(MHz)/	0:42 Frequency(MHz)/Flux(sfu):	Wavelength=1539A 245/65	Code=00	Exp #=17016	Rast=250"x250"	Step=10"	Pitch=+119	", Yaw=-346"

Event # = 7011 84/04/30,02:27	DOY=121		SMM Pointing:	S15W22		Pitch=+184", Yaw=-349", Roll=Odeg	v=-349", Roll	=0deg	H.Ang=24deg
GOES HXRBS* 02:27:26 UVSP 02:16		02:2	Peakc/s=76 Wavelength=1539A	Qual=00 Qual=01	Tot Cts=333 Exp #=17017	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+119"	", Yaw=-346"
Event # = 7013 84/04/30,06:03 Start Optical	D0Y=121 Peak	End times	SMM Pointing: HaClass=1R	S15W24	AR4474	Pitch=+183", Yaw	, Yaw=-371", Roll	, Roll=0deg	H. Ang=26deg
GOES 05:41 HXRBS* 05:55:54 BCS 05:43 FCS 05:42	06:03 4 05:57:08 05:57 05:44	60	mportance=Meakc/s=7 aPeak.c/s=7 eak3c/s=1 avelennth=1	Qual=01 Qual=01 Qual= 1	Tot Cts=476 FePeak=05:56 Fyn #=17019	Maxkev=48 FePeak.c/s=57 Rast=300"x300" Dast=250"x50"	#Peaks=1 dt= 3. Step=10" Cad= 9.	8s 22s	xEN=412101 1.024s/pixel
o . *	Frequency(MHz)/Flux(sfu) 05:47:06 05:47:25 05:49:2		8800/22 	Associated Qual=01		MaxkeV=48	•		. 1dW=-5/2
Event # = 8304 84/04/30,06:31 Start Optical		End times	SMM Pointing: HaClass=SB	S15W24 S13W26	AR4474	Pitch=+183", Yaw Mac =FK1	, Yaw=-371", Roll=0deg	, Roll=0deg	H.Ang=26deg
GOES 06:21 HXRBS 06:18:39 UVSP 07:15	06:31 9 06:22:30	06:44 06:23:13	ortance=M1 <c s="73<br">elength=1539A</c>	Qual=02 Qual=01	Tot Cts=2196 Exp #=17020	MaxkeV=48 Rast=250"x250"	Flags=I Step=10"	oracey Pitch≖+120"	", Yaw=-398"
Event # = 7014 84/04/30,10:54 Start	D0Y=121 Peak	End times	SMM Pointing:	S15W27		84"	, Yaw=-418", Roll=Odeg	=0deg	H.Ang=29deg
Uptical GOES 10:51 HXRBS* 10:51:14 BCS 10:52 FCS 10:34	10:54 10:51:37 10:53 10:52	10:59 10:52:56 10:56	Importance=C1 Peakc/s=65 CaPeak.c/s=18 Peak3c/s=30 Wavelength=1539A	Qual=01 Qual=01 Qual= 1 Code=00	AR4474 Tot Cts=480 FePeak=10:53 Exp #=17022	Mac.=FKI MaxkeV=48 FePeak.c/s=7 Rast=300"x300" Rast=250"x250"	#Peaks=1 Step=10" Step=10"	dt= 3.8s Cad= 922s Pitch=+121"	XEN=412102 1.024s/pixel
Event # = 20546 84/04/30,12:02 Start	D0Y=121	End times	SMM Pointing:	S15W27		Pitch=+183", Yaw	=-417", Rol		H.Ang=29deg
Optical GOES 11:32 BCS 11:41 FCS 12:08 UVSP 12:08 Radio Frequen	11:32 12:02 12:27 11:41 12:13 12:40 12:08 Frequency(MHz)/Flux(sfu)	••	HaClass=2B S11W31 Importance=M2 Qual=05 CaPeak.c/s=477 Qual= 5 F Peak3c/s=927 Wavelength=1539A Code=02 E 1415/130 4995/150 8800/110	\$11#31 Qual=05 Qual= 5 Code=02 \$800/110	AR4474 FePeak=12:14 Exp #=17023 0.15400/83	Mac.=FKI FePeak.c/s=37 Rast=300"x300" Rast=250"x250"	Carr.Lon.=345deg #Peaks=1 dt= 3. Step=10" Cad= 9 Step=10" Pitch=	8s 22s +121'	H.Ang=31deg XEN=412105 1.024s/pixel ', Yaw=-423"
Event # = 7015 84/04/30,15:45	D0Y=121	1 :	SMM Pointing:	S15W29		Pitch=+183", Yaw=-441", Roll=Odeg	=-441",Roll=	=0deg	H. Ang=30deg
Start		ena times 15:50 15:44:24	HaClass=SN Importance=Cl	\$13W44 Qual=03	AR4474	Mac.=FKI	Carr.Lon.=355deg	355deg	H.Ang=44deg
			≤	Code=00	Exp #=17031	maxkev=0/ Rast=285"x285"	Step=15" F	Pitch=+122"	, Yaw=-447"

Max	0Y=121	SMM Pointing:	S15W32		Pitch=+188", Yaw=-483", Roll=Odeg	Odeg H.Ang=33deg
Pitch=-189", Yaw=-507", Roll-Odeg H Hax. Class=SN S17446 AR4474 Mac.=FKI Carr.Lon.=355deg H Hax. Class=SN S17446 AR4474 Mac.=FKI Carr.Lon.=355deg H Hax. Class=SN S17446 AR4474 Mac.=FKI Carr.Lon.=355deg H Hax. Class=SN S1848 AR4474 Mac.=FKI Carr.Lon.=356deg H Hax. Class=SN S1848 AR4474 Mac.=FKI Carr.Lon.=353deg H Hax. Class=SN S1445 AR4474 Mac.=FKI Carr.Lon.=355deg H Hax. Class=SN S1445 AR4474	Start Peak 20:16 20:18 20:18:06 20:18:31 19:35	Importance=B7 Peakc/s=117 Wavelength=1539A	Tot Exp		Step=10"	itch=+132",Yaw=-490"
11:09:36 End times HaClass=SN S17W46 AR4474 Mac.=FKI Carr.Lon.=355deg Haxkev=67 Macrance=C1 Qual=04 Exp #=17041 Rast=250"x250" Step=10" Pitch=+133", Mavelength=15394 Macrance=C1 Qual=01 Tot Cts=355 Maxkev=67 Maxkev=67 Macrance=C1 Qual=01 Tot Cts=355 Maxkev=68	D0Y=121	L	S15W33		itch=+189", Yaw=-507", Roll=	
11:00 21:15	eak					
Poyseling SMM Pointing: S15433 Pitch=+189", Yaw=-507", Roll=Odeg Pitch=+133", Ava=-507", Roll=Odeg Pitch=+133", Ava=-504", Roll=Odeg Pitch=+133", Ava=-504", Roll=Odeg Pitch=+133", Ava=-504", Roll=Odeg Pitch=+138", Yaw=-504", Roll=Odeg Pitch=+133", Ava=-504", Roll=Odeg Pitch=+133", Ava=-527", Roll=Odeg Pit	21:07 21:10 21:15 21:09:03 21:09:36 21:11:16 21:59	.9A	Tot Exp		x250" Step=10"	itch=+133",Yaw=-514"
Peak End times 11.58		Pointing	S15W33		oitch=+189", Yaw=-507", Roll=	
11:58 22:00 Importance=61	eak	Ha.				
DOY=121 SMM Pointing: S15W33 Pitch=+188", Yaw=-504", Roll=Odeg P Peak End times HaClass=SN \$14445 AR4474 Mac.=FKI Carr.Lon.=353deg P 22:50 22:55 Importance=Cl Qual=05 Exp #=17042 RaxkeV=150 Flags=AX 22:53:15 22:58:01 Peakc/s=115 Qual=01 Tot Cts=10686 MaxkeV=150 Flags=AX BOY=122 SMM Pointing: \$15W35 Pitch=+189", Yaw=-527", Roll=Odeg P Peak Cos:30:22 00:31:31 Peakc/s=89 Qual=01 Tot Cts=1010 MaxkeV=48 DOY=122 SMM Pointing: \$15W35 Pitch=+189", Yaw=-527", Roll=Odeg P Peak End times Qual=01 Tot Cts=1010 MaxkeV=48 P Peak SMM Pointing: \$15W35 Pitch=+189", Yaw=-527", Roll=Odeg P Peak Cos=124 Qual=01 Tot Cts=2238 MaxkeV=48 Peak Cos=124 Qual=01 Tot Cts=2238 MaxkeV=250"x250" Step=10" Pitch=+133"	21:47 21:58 22:00 21:47:03 21:47:09 21:47:39 21:59 Type/Intensity:	Importance=Cl Peakc/s=64 Wavelength=1539A V/2	Tot Exp		Step=10"	'itch=+133",Yaw=-514"
Peak End times HaClass=SN S14W45 AR4474 Mac.=FKI Carr.Lon.=353deg HaClass=SN Gual=05 Qual=05 Qual=05 Arst=250"x250" Step=10" Pitch=+133" Peak Code=00 Exp #=17042 Rast=250"x250" Step=10" Pitch=+133" Peak End times		1	S15W33		oitch=+188",Yaw=-504",Roll=	
22:50 22:55 Importance=C1 Qual=05	Peak		S14W45_			
DOY=122	22:38 22:50 22:55 22:49:42 22:53:15 22:58 22:44	Importance=Cl Peakc/s=115 Wavelength=1539A	Qual=05 Qual=01 Tot Code=00 Exp		Flags=AX Step=10"	oitch=+133",Yaw=-514"
DOY=122 Peak End times Qual=00 00:30:22 00:31:31 Peakc/s=89 Wavelength=1539A DOY=122 SMM Pointing: S15W35 DOY=122 SMM Pointing: S15W35 DOY=122 SMM Pointing: S15W35 Peak Qual=01 Tot Cts=1010 RaxkeV=48 Rast=250"x250" Step=10" Pitch=+133" Point Cts=3238 Qual=01 Tot Cts=1010 RaxkeV=48 Pitch=+189", Yaw=-527", Roll=0deg Pitch=+189", Yaw=-527", Roll=0deg Pitch=+133" Qual=01 Tot Cts=3238 RaxkeV=48 WaxeV=48 Qual=01 Tot Cts=3238 RaxkeV=48 WaxeV=48 Wavelength=1539A Exp #=17043 Rast=250"x250" Step=10" Pitch=+133"				D0Y=122		
O0:30:22 00:31:31 Peakc/s=89 Qual=01 Tot Cts=1010 MaxkeV=48 D0Y=122 SMM Pointing: S15W35 Peak End times Qual=00 Tot Cts=1010 MaxkeV=48 Pitch=+189", Yaw=-527", Roll=0deg Pitch=+189", Yaw=-527", Roll=0deg Qual=00 Tot Cts=3238 MaxkeV=48 Wavelength=1539A Exp #=17043 Rast=250"x250" Step=10" Pitch=+133"	D0Y=122	l .	S15W35		Pitch=+189",Yaw=-527",Roll=	
DOY=122 SMM Pointing: S15W35 Peak End times Qual=00 Qual=00 O0:46:44 00:47:51 Peakc/s=124 Qual=01 Tot Cts=3238 MaxkeV=48 Wavelength=1539A Exp #=17043 Rast=250"x250" Step=10" Pitch=+133"	Start Feak 00:29:15 00:30:22 00:20	Peakc/s=89 Wavelength=1539A		Cts=1010 #=17043	Step=10"	oitch=+133",Yaw=-537"
Qual=00 00:46:44 00:47:51 Peakc/s=124 Qual=01 Tot Cts=3238 MaxkeV=48 Wavelength=1539A Exp #=17043 Rast=250"x250" Step=10"	DOY=122	₩.	S15W35		Pitch=+189", Yaw=-527", Roll=	
	00:46:44 00:4			Cts=3238 #=17043	x250" Step=10"	Pitch=+133",Yaw=-537"

H. Ang=36deg	H. Ang=33deg	XEN=412203	1.024s/pixel 3",Yaw=-537"	3", Yaw=-537"	3",Yaw=-537"	H.Ang=37deg	H.Ang=47deg	XEN=412204	Pitch=+134",Ya₩=-560"	H.Ang=41deg	H.Ang=40deg	XEN=412200	Pitch=+137", Yaw=-603"	H.Ang=83deg	H.Ang=41deg	Pitch=-1007", Yaw=-12"	H.Ang=46deg	Pitch=+136",Yaw=-657"	
, Roll=0deg	.=338deg		Cad= 332s] Pitch=+133",	Pitch=+133"	 Pitch=+133"	, Roll=Odeg	=351deg		Pitch=+13	, Roll=0deg	=341deg	dt= 3.8s	Pitch=+137	0deg	=338deg	Pitch=-100]=0deg	Pitch=+136	
, Yaw=-527", Ro	Carr.Lon.=338deg		Step=10" Step=10" 0 15400/50	Step=10"	 Step=10"	, Yaw=-547", Rol	Carr.Lon.=351deg	#Peaks=1	Step=10"	, Yaw=-589", Rol	Carr.Lon.=341deg	#Peaks=1	Step=10"	, Yaw=+0", Roll=0deg	Carr.Lon.=338deg	Step=3"	=-652", Rol	Step=15"	
Pitch=+189", Ya	Mac.≈FKI	MaxkeV=108 FePeak.c/s=73	Rast=180"x180" Rast=250"x250" 995/140 8800/160	Maxkev=48 Rast=250"x250"	MaxkeV=48 Rast=250"x250"	Pitch=+189", Yaw	Mac.=FKI	FePeak.c/s=17	Rast=250"x250"	Pitch=+192", Yaw	Mac.=FKI	FePeak.c/s=7	Rast=250"x250"	Pitch=-947", Yaw	Mac.=FKI	MaxkeV=88 Rast=60"x240"	Pitch=+200", Yaw=-652", Roll=0deg	MaxkeV=48 Rast=285"x285"	
	AR4474	Tot Cts=48594 FePeak=01:52	Kast=180"x180" MASt=250"x250" 606/280 1415/65 2695/200 4995/140 8800/160	Exp #=17043	Event # = /021 Tot Cts=616 Exp #=17043		AR4474	FePeak=05:14	Exp #=17046		AR4474	FePeak=10:18	Exp #=17049		AR4474	Tot Cts=1735 Exp #=17057		Tot Cts=174 Exp #=17060	
S15W35	\$14W32	Qual=01 Qual= 1	A 606/280_141	Associated Qual=01 A	Associated Qual≖01 9A	S15W36	S13W47	Qual= 5	4 Code=02	S15W40	S08W40 0ua]=01		Code=00	00M6ZN	\$11W41 Oual=01	Qual=01 Code=01	S15W45	Qual=01 Qual=01 Code=00	
SMM Pointing:	HaClass=2B Importance=M4	Peakc/s=208 CaPeak.c/s=727	Wavelength=1539 245/31 410/240	 Peakc/s=76 Wavelength=1539	Peakc/s=65 Wavelength=1539A	SMM Pointing:	HaClass=SB	CaPeak.c/s=83 Peak3.c/s=127	Wavelength=1539A	SMM Pointing:	HaClass=SF Importance=Cl	CaPeak.c/s=24 Peak3c/s=54	Wavelength=1539A	SMM Pointing:	HaClass=SF Importance=Cl	Peakc/s=203 Wavelength=3090A	SMM Pointing:	Importance=Cl Peakc/s=61 Wavelength=1524A	
Fnd times	01:55	α				End times	05:14	05:42		End times	ı	0:21		End times	18:04	18:01:20	Fnd times	19:52 19:48:23	
D0Y=122 Peak	01:34	0 01:12:46 01:52 01:58	01:54 Frequency(MHz)/Flux(sfu)	HXRBS* 00:19:49 00:22:05 00:22:47 UVSP 00:20	00:23:28 00:24:02 00:24:46 00:20) DOY=122 Peak	05:1	05:14 05:23		3 D0Y=122 Peak	10:16	10:18 10:17		D0Y=122 Peak	18:01	18:00:54	D0Y=122 Peak	19:49 19:48:05	
Event # = 7024 84/05/01,01:34 Start	al 00:18	,* 01:02:50 00:28	01:54 Freque	* 00:19:4 00:20	* 00:23:2 00:20	Event # = 20547 84/05/01,05:10 Start	al 05:04	05:14	05:13	Event # = 20548 84/05/01,10:16 Start	al 10:13	10:16	10:05	Event # = 7025 84/05/01,18:01 Start	اء 17:58	* 18:00:26 17:58		19:46 19:47:51 19:34	
Event 84/05	Optical GOES	HXRBS* BCS FCS	UVSP Radio	HXRBS UVSP	HXRBS* UVSP	Event 84/05	Optical GOES	BCS FCS	UVSP	Event 84/05.	Optical GOES	స్టో	UVSP	Event 84/05,	Optical GOES	HXRBS: UVSP	Event 84/05/	GOES HXRBS* UVSP	

Event # = 20549 84/05/01,20:40 Start	DOY=122 Peak	End times	SMM Pointing:	S15W45		Pitch=+200", Yaw=-652", Roll=Odeg	=-652", Roll=		H.Ang=46deg
Optical GOES 20:08 BCS 20:45 FCS 20:45 UVSP 20:48 Radio Sweeps	20:40 20:46 20:49 Type/I	:40 20:55 :46 21:01 :49 Type/Intensity:	Importance=C2 CaPeak.c/s=51 Peak3.c/s=231 Wavelength=1524A	Qual=05 Qual= 5 Code=02	AR44/4 FePeak=20:45 Exp #=17061	Mac.=FKI FePeak.c/s=10 Rast=180"x180" Rast=285"x285"	#Peaks=1 Step=10" C Step=15" P	Cad= 332s Pitch=+136"	XEN=412201 1.024s/pixel i", Yaw=-657"
Event # = 20550 84/05/02,03:47 Start Optical GOES 03:43 BCS 03:46 UVSP 03:05	DOY=123 Peak 03:47 03:46	End times 03:51 03:48	SMM Pointing: HaClass=SN Importance=C1 CaPeak.c/s=23 Wavelength=1524A	84/05/02 S15W49 S15W56 Qual=1 Code=00	2 DOY=123 AR4474 FePeak=03:46 Exp #=17065	Pitch=+205", Yaw: Mac.=FKI FePeak.c/s=7 Rast=285"x285"	',Yaw=-699",Roll=Odeg Carr.Lon.=348deg '7 #Peaks=1 '85" Step=15" Pitch=	9=+139"	H.Ang=50deg H.Ang=56deg XEN=412301 , Yaw=-696"
Event # = 20551 84/05/02,12:15 Start Optical GOES 11:42 BCS 11:47 FCS	DOY=123 Peak 12:15 12:31 12:34	End times 12:37 13:02	SMM Pointing: HaClass=SN Importance=C3 CaPeak.c/s=49 Peak3c/s=199 Wavelength=1524A	\$15W54 \$13W55 Qual=02 Qual= 7	AR4474 FePeak=11:54 Exp #=17071	Pitch=+207", Yaw=-747", Roll=Odeg Mac.=FKI Carr.Lon.=342de FePeak.c/s=11 #Peaks=1 dt= 7 Rast=0"x0" Step=0" Cad=3 Rast=250"x250" Step=10" Pitch	=-747", Roll=Odeg Carr.Lon.=342deg #Peaks=1 dt= 7. Step=0" Cad=38 Step=10" Pitch=	g .7s 840s =+151"	H.Ang=54deg H.Ang=55deg XEN=412302 3840s/pixel ,Yaw=-755"
Event # = 20642 84/05/02,15:03 Start Optical GOES 14:02 GCS 14:05 FCS 14:38 UVSP 14:38	115 115 145	Y=123 ak End times :03 15:34 :02 15:03 :52 Type/Intensity:	SMM Pointing: \$15W56 HaClass=SF \$11W54 Importance=C2 Qual=04 CaPeakc/s=70 Qual= 2 Wavelength=1524A Code=00	\$15W56 \$11W54 Qual=04 Qual= 2 Code=00	AR4474 FePeak=15:02 Exp #=17074	Pitch=+211",Yaw Mac.=FKI FePeak.c/s=11 Rast=250"x250"	,Yaw=-766",Roll=0deg Carr.Lon.=339deg 11 #Peaks=1 dt= 3. 50" Step=10" Pitch=	9 .8s =+153"	H.Ang=56deg H.Ang=54deg XEN=412320 ,Yaw=-771"
Event # = 7027 84/05/02,16:19 Start Optical GOES 16:05 HXRBS* 16:14:15 BCS 16:12 FCS UVSP 16:12 Radio Frequen	= 7027 2,16:19 DOY=123 Start Peak End tim 16:05 16:19 16:44 16:12 16:14:16 16:17:1 16:12 16:17 17:28 16:12 Frequency (MHZ)/Flux(sfu)	. 4 es	SMM Pointing: S15W56 HaClass=SB S14W54 AR4474 Importance=C7 Qual=O4 Peakc/s=97 Qual=01 Tot Cts=2775 CaPeak.c/s=418 Qual= 4 FePeak=16:15 Peak3c/s=306 Wavelength=1524A Code=O0 Exp #=17076 245/34 410/53 606/160 1415/30 2695/21	\$15W56 \$14W54 Qual=04 Qual=1 Qual= 4 Code=00 6/160 141	AR4474 Tot Cts=2775 FePeak=16:15 Exp #=17076 5/30 2695/21 499	Pitch=+212", Yaw: Mac.=FKI MaxkeV=48 '5 FePeak.c/s=120 Rast=180"x180" Rast=250"x250" 1 4995/21 8800/15	767", Rol ' Carr.Lon. = #Peaks=1 Step=10" Step=10"	7s 32s +153"	H.Ang=57deg H.Ang=54deg XEN=412300 1.024s/pixel ,Yaw=-771"

Event # = 20552 84/05/02,18:33 Start	2 D0Y=123 Peak	Fnd times	SMM Pointing:	S15W58		Pitch=+213", Yaw	,Yaw=-783",Roll=0deg	H.Ang=58deg
Optical GOES 18:30	18:3		HaClass=SF	\$16₩43	AR4474	Mac.=FKI	Carr.Lon.=327deg	H.Ang=44deg
BCS 18:48 FCS 18:50 UVSP 18:50	18:49 18:54 Tyne/1		Capeak.c/s=34 Peak3c/s=104 Wavelength=1524A	Qual= 5	FePeak=18:49 Exp #=17078	FePeak.c/s=11 Rast=180"x180" Rast=250"x250"	#Peaks=1 Step=10" Cad= 332s Step=10" Pitch=+155"	XEN=412314 1.024s/pixel ", Yaw=-786"
3	1 /bd/	n	1/1					
Event # = 7028 84/05/02,19:27 Start	DOY=123 Peak	End times	SMM Pointing:	S15W58		itch=+214"	, Yaw=-782", Roll=0deg	H.Ang=58deg
	19:27		HaClass=SB	S11W58	AR4474	Mac.=FKI	Carr.Lon.=341deg	H.Ang=58deg
HXRBS* 19:13:13 BCS 19:12 FCs	3 19:20:28 19:25	19:47:07 21:21	Peakc/s=2457 CaPeak.c/s=1890	Qual=03 Qual= 1	Tot Cts=8.06E+5 FePeak=19:20	MaxkeV=219 FePeak.c/s=491	Flags=M,E #Peaks=2	XEN=412316
UVSP 18:50 Radio Frequen	ੋਂ		FeaksC/S=6241 Wavelength=1524A Code=00 Exp #=17078 R 245/560 410/120 606/310 1415/68 2695/110 49	Code=00 606/310 1	Exp #=17078 415/68 2695/110	Rast=300"x300" Rast=250"x250" 4995/240 8800/860	Step=10" Cad= 922s Step=10" Pitch=+155 0 15400/660	=
Event # = 7029 84/05/02,22:40 Start	D0Y=123	Fnd + impo	SMM Pointing:	S15W60		Pitch=+216", Yaw	, Yaw=-796", Roll=0deg	H.Ang=60deg
Optical 60ES 22:00		ב ב		S13W59	AR4474	Mac.=FKI	Carr.Lon.=340deg	H.Ang=59deg
HXRBS* 22:41:49 BCS 21:57 FCS	22:37	22:42:30 22:55	Peakc/s=70 CaPeak.c/s=93	Qual=01 Qual= 2	FePeak=21:57	MaxkeV=67 FePeak.c/s=16	#Peaks=1	XEN=412319
UVSP 21:59 Radio Frequen	21:59 Frequency(MHz)/Flux(sfu)		reak3() s=33 Wavelength=1524A 245/125	Code=00	Exp #=17080	Rast=285"x285"	Step=15" Pitch=+149"	", Yaw=-793"
Event # = 7030 84/05/02,23:32 Start	D0Y=123 Peak	End times	SMM Pointing:	S15W59		Pitch=+213", Yaw	, Yaw=-789", Roll=0deg	H.Ang=59deg
GOES HXRBS* 00:23:14 BCS 23:31 FCS UVSP 23:33		00:25:01 00:30	Peakc/s=76 CaPeak.c/s=43 Peak3c/s=197 Wavelength=1524A	Qual=00 Qual=01 Qual= 5	FePeak=23:32 Exp #=17081	MaxkeV=88 FePeak.c/s=13 Rast=180"x180" Rast=285"x285"	#Peaks=1 Step=10" Cad= 332s Step=15" Pitch=+151"	XEN=412318 1.024s/pixe1 ", Yaw=-808"
Fych # = 7031				84/05/03	3 D0Y=124			
84/05/03,01:15 Start	DOY=124 Peak	Fnd times	SMM Pointing:	S15W61		Pitch=+215",Yaw	, Yaw=-803", Roll=0deg	H.Ang=61deg
GOES HXRBS* 01:15:20 UVSP 01:09	_	17:05	Peakc/s≖76 Wavelength=1524A	Qual=00 Qual=01	Exp #=17082	MaxkeV=88 Rast=285"x285"	Step=15" Pitch=+151"	', Yaw=-808"
Event # = 7032 84/05/03,01:41 Start	D0Y=124 Peak	End times	SMM Pointing:	S15W61		Pitch=+215", Yaw=	, Yaw=-803", Roll=0deg	H.Ang≈61deg
GOES HXRBS* 01:41:51 UVSP 01:09	i	12:11	Peakc/s=71 Wavelength=1524A	Qua]=00 Qua]=01	Exp #=17082	MaxkeV=48 Rast=285"x285"	Step=15" Pitch=+151"	', Yaw=-808"

Event # = 7033 84/05/03,02:44	3 4 DOY=124	-	SMM Pointing:	S15W62		Pitch=+216",Yaw	, Yaw=-816", Roll=Odeg	=0deg	H.Ang≕62deg
Start GOES HXRBS* 02:44:24 UVSP 02:42		End times	Peakc/s=76 Wavelength=1524A	Qual=00 Qual=01	Exp #=17083	MaxkeV=48 Rast=285"x285"	Step=15"	Pitch=+152"	, Yaw=-821"
Event # = 7034 84/05/03,03:19 Start Optical GOES 03:13 HXRBS* 03:12:24	4 DOY=124 Peak 03:19 24 03:17:06	8 6	SMM Pointing: SHaClass=SB Importance=C7 CPeakC/s=340	115W62 112W67 1ual=01 1ual=01	AR4474	Pitch=+216", Yaw Mac.=FKI MaxkeV=67	,Yaw=-816",Roll=Odeg Carr.Lon.=346deg	ď	H.Ang=62deg H.Ang=67deg XFN=412411
BCS 03:13 03:18 03:31 UVSP 02:42 Radio Frequency(MHz)/Flux(sfu) 	03:18 lency(MHz)/F1 05 03:28:28	110	CaPeak.c/s-403 Wavelength=1524A 245/62 410/220 15 As Peakc/s=63	\ual= 1 \cde=00 \therefore \text{18} \cociated \ual=01	FePeak=03:18 Exp #=17083 Event # = 7035	FePeak.C/S=80 Rast=285"x285" AaxkeV=48	*reaks=1 Step=15"	3.63 h=+152	, Yaw=-821"
Event # = 20554 84/05/03,16:13 Start	.3 D0Y=124 Peak	End times	SMM Pointing: HaClass=SN	S15W70 S11W65	AR4474	Pitch=+226",Yaw Mac.=FKI	, Yaw=-865", Roll=Odeg Carr.Lon.=337deg	,Roll=Odeg Lon.=337deg	H.Ang=55deg
Optical 60ES 16:02 BCS 16:12 UVSP 15:46	16:13 16:14	16:21 16:14	aClass=SN mportance=Cl aPeak.c/s=24 avelength=1524A	\$09W46 Qual=02 Qual= 2 Code=00	AR4476 FePeak=16:12 Exp #=17092	FePeak.c/s=7 Rast=250"x250"	Carr.Lon.* #Peaks=1 Step=10"	+166	H. Ang=46deg XEN=412413 ', Yaw=-869"
Event # = 8306 84/05/03,21:34	34 DOY=124		SMM Pointing:	S15W72		Pitch=+227", Yaw	, Yaw=-878", Rol	, Roll=Odeg	H.Ang=72deg
Start GOES HXRBS 21:33:41		21:45:46	Peakc/s=705	Qual=00 Qual=03	Tot Cts=46296	MaxkeV=219	Flags=I,EN	z	
Event # = 7036 84/05/03,22:19	36 19 DOY=124 Peak	Fnd + imes	SMM Pointing:	S15W73		Pitch=+228",Yaw	, Yaw=-883", Rol	, Roll=Odeg	H.Ang=73deg
GOES HXRBS 22:18:36 UVSP 23:10		22:	Peakc/s=79 Wavelength=1524A	Qual=00 Qual=01	Tot Cts=1378 Exp #=17099	MaxkeV=196 Rast=285"x285"	Flags=AX Step=15"	Pitch=+164"	", Үам=-889"
Event # = 7037 84/05/03,23:12	37 12 DOY=124 Boat	Frd +imes	SMM Pointing:	S15W73		Pitch=+228",Yaw	, Yaw=-883", Roll=Odeg	1=0deg	H.Ang=73deg
GOES HXRBS 23:10:54 UVSP 23:10		23:	Peakc/s=97 Wavelength=1524A	Qual=00 Qual=01	Tot Cts=6994 Exp #=17099	MaxkeV=128 Rast=285"x285"	Flags=AX Step=15"	Pitch=+164"	", Үаw=-889"
Event # = 7038 84/05/03,23:53	1		SMM Pointing:	S15W73		Pitch=+228", Yaw=-883", Roll=Odeg	v=-883", Rol	1=0deg	H.Ang=73deg
Start Optical		End times		\$12W70	AR4474	Mac.=FKI	Carr.Lon.=337deg	=337deg	H.Ang≖70deg
GOES 23:35 HXRBS 23:58: UVSP 23:10	23:53 :13 23:59:02	00:11 2 00:01:33	Importance=L3 Peakc/s=78 Wavelength=1524A	Qual=01 Qual=01 Code=00	Tot Cts=2180 Exp #=17099	MaxkeV=88 Rast=285"x285"	Flags=AX Step=15"	Pitch=+164"	", Yaw≖-889"

				84/02/04	14 DOY=125				
Event # = 8309 84/05/04.01:39	3309 L:39 DOY=125	=125	CMM Dointing:	C15U72		N 1000			
Stal		End time	S Simple of the state of the st			Pitch=+228", Yav	,Yaw=-883",Roll=Odeg]=0deg	H.Ang=73deg
~	17 01:3	01:40	HaClass=SN Importance=Cl	\$14W51	AR4476	Mac.=DAO	Carr.Lon.=317deg	=317deg	H.Ang=51deg
•	01:39:03 01:3 00:46 	:09 01:39:16	Peakc/s=93 Wavelength=1524			MaxkeV=67 Rast=285"x285"	Sg	tch=+164"	', Yaw=-889"
HXRBS 01:3	01:36:55 01:37	:17 01:37:38	Peakc/s=50	Qual=01		MaxkeV=48	Flags=I	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 7039 84/05/04,06:07 Start	7039 5:07 DOY=125 t Peak	End time	SMM Pointing:	S15W77		Pitch=+232", Yaw	, Yaw=-898", Rol	, Roll=Odeg	H.Ang=77deg
Optical Optical GOES 06:0		06:14		\$11W48 \$13W71	AR4476 AR4474	Mac.=DAO	Carr.Lon.=312deg Carr.Lon.=335deg		H.Ang≈48deg H.Ang=71deg
HXRBS 06:05: BCS 06:05 FCS	15:13 06:05: 15 06:06	06:22 06:22	Peakc/s=736 CaPeak.c/s=105	Qual=01 Qual= 5	Tot Cts=14307 FePeak=06:06	MaxkeV=150 FePeak.c/s=22	Flags=FS #Peaks=1		XEN=412503
UVSP 05:3 Radio Fre	ouency (MH.	05:35 Frequency(MHz)/Flux(sfu):	4∞	Code=00 4995/40 8	Code=00 Exp #=17103 4995/40 8800/30 15400/15	Rast=250"x250"	Step=10"	Pitch=+174"	, Yaw=-909"
Event # = 7 84/05/04,08 Star		End +ima	SMM Pointing:	S15W81		Pitch=+236", Yaw=-910", Roll=Odeg	=-910", Roll		H. Ang=81deg
GOES 08:57 HXRBS 08:57:52 BCS 08:59	7:52 08:59 7:52 08:58:4 9 09:00	8:40 09:03 00:03 8:40 09:00:27 00:00:01	Importance=Cl Peakc/s=85 CaPeak.c/s=20	Qual=01 Qual=01 Qual=1	Tot Cts=1086 Febrak=00.00	MaxkeV=48			,
FCS UVSP 08:52	2 08:5				Exp #=17105	Rast=180"x180" Rast=250"x250"	*Peaks=2 Step=10" Step=10"	Cad= 332s 1 Pitch=+176",	XEN=412500 1.024s/pixel ,Yaw=-915"
Event # = 7041 84/05/04,16:17 Start	041 :17 DOY=12 t Peak	53	SMM Pointing:			Pitch=+246", Yaw=-927", Roll=0deg	=-927",Roll	=0deg	
GOES 16:0 HXRBS 16:4	9:11 16:51:	7 16:59 1:18 16:51:57	Importance=M1 Peakc/s=63	Qual=05 Qual=01	Tot Cts=579	MaxkeV=48			
Radio Sweeps	Types Types	reeps Type/Intensity:	wavelengtn=1524A V/1		Exp #=17111	Rast=250"x250"	10"	Pitch=+188", Yaw=-931	, Үам=-931"
	daeiicy (mu	2)/riux(siu): 	+3 +10/320 	Jo/63 141t Sociated	1/1/0 2695/84 49 Event # = 7042	b0b/b3 1415/1/0 2695/84 4995/75 8800/64 15400/20 Associated Event # = 7042 511400	400/20	1	1 1 1 1 1 1 1
GOES HXRBS 17:09:04	9:04 17:09	9:58 17:11:10	/s=61	0ual=00 0ual=00 0ual=01	Tot Cts=296	MaxkeV=48	Carr.Lon.=348deg		H.Ang=89deg
Event # = 20643 84/05/04,18:42 Start)643 :42 D0Y≖125 t Peak	125 End times	SMM Pointing:			Pitch=+247", Yaw=	, Yaw=-928", Roll:	, Roll=Odeg	
Optical GOES 18:20		19:07	Code=LPS Importance=C4	S09W90	AR4474	Mac.=DAO	Carr.Lon.=347deg		H.Ang=89deg
28	9 18:44 18:56	19:00	CaPeak.c/s=45 (Qual= 3	FePeak≖18:42	FePeak.c/s=11	#Peaks=1	dt= 7.7s X	XEN=412509
UVSP 18:04			Wavelength=1524A	Code=00	Exp #=17112	Rast=250"x250"	Step=10" 6	Pitch=+188",	, Yaw=-931"

84/05/04,20:45			SMM Pointing:			Pitch=+247",Yaw	,Yaw=-928",Roll=Odeg	l=0deg	
Start GOES 20:32 HXRBS 20:33:5 UVSP 21:14	Peak 20:45 39 20:34:36	20:35:11	Importance=C2 Peakc/s=63 Wavelength=1524A	Qual=02 Qual=01	Exp #=17114	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+188",	, Үам=-931"
Event # = 7045 84/05/04,23:47 Start	, D0Y=125 Peak	End times		S15W90 S09W63	AR4476	Pitch=+244",Yaw Mac.=DAO	,Yaw=-921",Roll=Odeg Carr.Lon.=317deg	1=0deg =317deg	H.Ang=89deg H.Ang=63deg
60ES 23:31 HXRBS 23:41:5 BCS 23:33 FCS 00:23 UVSP 00:23	23:31 23:47 23:41:30 23:43:07 23:33 23:35 00:23 23:37 Frequency (MHz)/F	00:01 23:44:10 23:43 lux(sfu):	tance=C3 c/s=132 ik.c/s=56 c/s=89 length=152	Qual=02 Qual=01 Qual= 1 5/12 499	Cts=609; ak=23:3(#=17116 8800/19	MaxkeV=48 FePeak.c/s=23 Rast=180"x180 Rast=250"x250 00/41	eaks=1 ep=10" ep=10"	= 3.8s d= 332s tch=+188'	XEN=412508 1.024s/pixel ', Yaw=-931"
1	:47 23:34:39	:46	As Peakc/s=108 Wavelength=1524A	sociated Qual=01	Event # = /044 Tot Cts=8126 Exp #=17115	 MaxkeV=108 Rast=250"x250"	Step=10"	Pitch=+188"	, Yaw=-931"
				84/05/05	5 D0Y=126				
Event # = 20555 84/05/05,00:50	55 0 poy=126	1	SMM Pointing:			Pitch=+245",Yaw	, Yaw=-924", Rol	, Roll=Odeg	
Start Optical	Peak	ו נווופא	HaClass=SF	S11W64	AR4476	Mac.=CA0	Carr.Lon.=318deg	=318deg	H.Ang=64deg
GOES 00:48 BCS 00:49 FCS 00:23	00:50 00:49 00:51	00:55 00:51	Importance=L1 CaPeak.c/s=28 Peak3c/s=18 Wavelength=1524A	Qual= 1 Qual= 1 Code=00	FePeak=00:50 Exp #=17116	FePeak.c/s=8 Rast=180"x180" Rast=250"x250"	#Peaks=1 Step=10" Step=10"	X Cad= 332s 1 Pitch=+188",	XEN=412600 1.024s/pixel ",Yaw=-931"
Event # = 704 84/05/05,01:0	ł		SMM Pointing:			Pitch=+245",Yaw	, Yaw=-924", Rol	, Roll=Odeg	
Start GOES 01:04 HXRBS 01:05 BCS 01:05 FCS 01:05 RAD 00:23	Start Peak End 101:04 01:04 01:05 01:05 01:15 01:15 00:23 Frequency(MHz)/Flux(s	3:17 3:17 3 fu):	Importance=C4 Qual=01 Peakc/s=803 Qual=01 CaPeak.c/s=304 Qual= 1 Peak3c/s=361 Wavelength=1524A Code=00 245/10 8800/29 15400/85	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=31143 FePcak=01:07 Exp #=17116	MaxkeV=88 FePeak.c/s=58 Rast=300"x300" Rast=250"x250"	#Peaks=1 Step=10" Step=10"	dt= 3.8s Cad= 922s Pitch=+188	XEN=412601 1.024s/pixel ", Yaw=-931"
Event # = 205 84/05/05,03:4	_ ي	4	SMM Pointing:			Pitch=+247",Yaw	, Yaw=-927", Rol	, Roll=Odeg	
Start GOES 03:30 BCS 03:36 FCS 03:37	Peak 03:40 03:41 03:47	End times 03:45 04:20	Importance=C2 CaPeak.c/s=48 Peak3c/s=119 Wavelength=1524A	Qual=04 Qual= 4 Code=00	FePeak=03:41 Exp #=17118	FePeak.c/s=12 Rast=180"x180" Rast=285"x285"	#Peaks=1 Step=10" Step=15"	dt= 7.7s Cad= 332s Pitch=+181	XEN=412603 1.024s/pixel ",Yaw=-924"
Event # = 704 84/05/05,04:0	1		SMM Pointing:			Pitch=+247",Yav	, Yaw=-927", Roll=Odeg	11=0deg	
Start GOES 03:57 HXRBS 03:57:41 UVSP 03:37	Peak 04:00 03:58	End times 04:04 13 04:00:58	Importance=C3 Peakc/s=63 Wavelength=1524A	Qual=01 Qual=01 \ Code=00	Exp #=17118	MaxkeV=48 Rast=285"x285"	Step=15"	Pitch=+181"	", Yaw=-924"

ארם נ	Peak	End times	SMM Pointing:			Pitch=+247",Yaw	, Yaw=-927", Roll=Odeg	=0deg	
	6 04:21:32	2 04:22:05	Peakc/s=74 Wavelength=1524A	Qual=00 Qual=01 A	Exp #=17118	MaxkeV=48 Rast=285"x285"	Step=15"	Pitch=+181",Yaw=-924	Yaw=-924"
# = 7049 05,08:41 Start	00Y=126	Fod +	SMM Pointing:	S15W85		Pitch=+243", Yaw	, Yaw=-917", Roll	,Roll=Odeg H.	H.Ang=85deg
08:35 08:41:09 08:28	08:41 9 08:42:07	08:46 08:43:31	Importance=C3 Peakc/s=73 Wavelength=1524A	Qual=01 Qual=01 A Code=00	Exp #=17121	MaxkeV=48 Rast=285"x285"	Step=15"	=+181"	, Yaw=-924"
# = 7050 05,08:50 Start	1		SMM Pointing:	\$15W85		Pitch=+243", Yaw=-917", Roll=Odeg	917", Roll		H. Ana=85dea
08:47 08:49:01 08:28	08:50 1 08:49:49	08:58 08:51	Importance=C4 Peakc/s=80 Wavelength=1524A	Qual=01 Qual=01 A Code=00	Exp #=17121	MaxkeV=48 Rast=285"x285"	Step=15"	=+181"	'aw=-924"
# = 7052 05,09:08 Start	1	Fnd + imes	SMM Pointing:	S15W85		Pitch=+243", Yaw=	, Yaw=-917", Roll=Odeg		H.Ang=85deg
• • • • • • • • • • • • • • • • • • •	09:08 09:05:44	09:12 09:07:56	Importance=C5 Peakc/s=84 Wavelength=1524	Qual=01 Qual=01 Code=00	Exp #=1712	MaxkeV=48 Rast=285"x285"	Step=15" F	=+181"	Yaw=-924
0	09:03:00	09:04:23	Peakc/s=73	48Sociated Qual=01	Event # = /051		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 I I I I I I I I I I I I I I I I I I I	1
Event # = 8310 84/05/05,12:07 Start	D0Y=126 Peak	End times	SMM Pointing:			Pitch=+245", Yaw=	,Yaw=-923",Roll=Odeg	=0deg	
11:30	12:07	12:55	Code=LPS Importance=M7	NO7E90 Oual=04	AR4480		Carr.Lon.=157deg		H.Ang=90deg
11:48:24 11:45 Frequen	11:53:34 cy (MHz)/F	11:48:24 11:53:34 12:18:46 11:45 Frequency(MHz)/Flux(sfu):	Peakc/s=9 Wavelength=1 245/18 410/5	Qual=01 Code=00 16/290 141	15	MaxkeV=108	Flags=I Step=15" P 15400/200	Pitch=+181",Y	, Yaw=-924"
13:42:57 13:21	13:43:23	13:44:20	Peakc/s=5	Qual=01	Event # = 8311 Tot Cts=4078 Exp #=17125	axkeV=48 ast=285"x285"	Flags=I Step=15" P	Pitch=+181", Ya	, , Yaw=-924"
# = 20644 /05,14:45 Start			SMM Pointing:			Pitch=+248", Yaw=	, Yaw=-927", Roll=0deg		
14:40 14:30 14:57	14:45 14:40	S E	Importance=C4 CaPeak.c/s=21 Wavelength=1524A	Qual=03 Qual= 4	FePeak=14:30 Exp #=17127	FePeak.c/s=9 Rast=285"x285"	#Peaks=1 Step=15" P	XEN=412609 Pitch=+181", Yaw=-924"	N=412609 BW=-924"
= 7054 5,16:18 Start	DOY=126 Peak	Fnd times	SMM Pointing:			Pitch=+248", Yaw=-927", Roll=0deg	-927", Roll=	Odeg	
16:12 16:16:02 16:08	16:18 16:16:21	16:22 16:19:03	Importance=C8 Peakc/s=1120 Wayelength=1524A	Qual=01 Qual=01	Tot Cts=27123	MaxkeV=88	;		

HXRBS 16:12:25	16:12:38	16:13:00	A Peakc/s=65	Associated Qual=01	Event # = 7053	MaxkeV=48	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 7055 84/05/05,18:03	D0Y=126	Fod + impo	SMM Pointing:			Pitch=+248", Yaw=-927", Roll=Odeg	
GOES 18:01 HXRBS 18:01:31	18:03 18:02:21	18:05 18:03:26	Importance=C2 Peakc/s=83	Qual=01 Qual=01		MaxkeV=48	
Event # = 7056 84/05/05,18:27	D0Y=126		SMM Pointing:			Pitch=+248", Yaw=-927", Roll=Odeg	
Start Optical	Peak	times	Code=LPS	\$11W90	AR4474	Carr.Lon.=334deg	H.Ang=89deg
GOES 18:08 HXRBS 18:08:24	18:27 18:14:43	18:49 18:38:04	Importance=M7 Peakc/s=17630	Qual=01 Qual=03	Tot Cts=6.61E+6	MaxkeV=401 Flags=M, EN, FS	Jur=918sec
GRS 18:09:50 BCS 18:10 FCS	18:24	8	max.Enev- 0.9 CaPeak.c/s=6018 (Peak3c/s=1919	Qual= 1	FePeak=18:22	/s=2255 #Peaks=1 "x300" Step=10" Cad= 922s	XEN=412611 1.024s/pixel
Radio Sweeps Type/Intensit	Type/I cy(MHz)/F	 ∓⊊	11/2 1V/2 V/1 245/1500 410/37	79/90	1415/100 2695/190	4995/200 8800/500 15400/1000	
Event # = 7057 84/05/05,19:29	D0Y=126		SMM Pointing:			Pitch=+248", Yaw=-926", Roll=Odeg	
Start GOES 19:25 HXRBS 19:25:44	Peak 19:29 19:25:55	End times 19:31 19:27:45	Importance=C9 Peakc/s=197	Qua]=01 Qua]=01	Tot Cts=9200	MaxkeV=67	
Event # = 7058 84/05/05,22:50	DOY=126	ogni+ Pau	SMM Pointing:	N06E82		Pitch=-115", Yaw=+937", Roll=Odeg	H.Ang=82deg
Start GOES HXRBS 22:49:46		22:51:25	Peakc/s=58	Qual=00 Qual=01		MaxkeV=67	
Event # = 20558 84/05/05,23:17	D0Y=126		SMM Pointing:	N06E82		Pitch=-115", Yaw=+937", Roll=Odeg	H.Ang=82deg
Start 60ES 23:10 BCS 23:12 FCS	Peak 23:17 23:16 23:12	23:20 23:18 23:18	Importance=C2 CaPeak.c/s=26 Peak3c/s=57	Qual=01 Qual= 1	FePeak=23:16	FePeak.c/s=15 #Peaks=1 dt= 7.7s Rast=180"x180" Step=10" Cad= 332s	XEN=412616 1.024s/pixeł
				84/05/06	6 DOY=127		
Event # = 7059 84/05/06,00:12 Ctart	DOY=127	Fnd times	SMM Pointing:	N06E82		Pitch=-115",Yaw=+937",Roll=Odeg	H.Ang=82deg
GOES HXRBS 00:12:21	00:12:3		Peakc/s=81	Qual=00 Qual=01		MaxkeV=48	
Event # = 7060 84/05/06,01:35	1	- Pod	SMM Pointing:	N13E86		Pitch=-213",Yaw=+927",Roll=Odeg	H.Ang≖87deg
GOES 01:30 HXRBS 01:31:27	01:35 01:35 01:32:54	01:41 01:36	Importance=C5 Peakc/s=317	Qual=05 Qual=01	Tot Cts=15452	MaxkeV=67	

1.1.2 1.1.	vent # = 7061 4/05/06,01:46	DOY=127	+ +	SMM Pointing:	\$13E88		Pitch=+206", Yaw	, Yaw=+929", Roll=0deg	H.Ang=87deg
01:43 01:53 02:04 03:05 03:0	ر تر	nean 01:46	2 :	HaClass=SF	NO6E83	AR4481	Mac.=EKO	Carr.Lon.=157deg	H.Ang≕83deg
DOY=127 DOY=127	01:42:	01:45 01:45 01:43	01:47: 01:53	Peakc/s=384 CaPeak.c/s=168 Peak3c/s=26	Qual=01 Qual=01 Qual= 1	Tot Cts=10594 FePeak=01:45	MaxkeV=67 FePeak.c/s=41 Rast=180"x300"	dt= Cad₃	
02:21 02:24 02:19:12 Importance=c2 02:19:12 Qual=01 02:19:12 Forth=-117", Yaw=+942", Roll=Odeg D0Y=127 04:59 04:59 04:59 04:59 04:59 05:00 04:59 05:37 06:32 06:32 06:32 06:32 06:32 06:32 06:32 06:32 06:33 06:34 06:34 06:34 06:35 06:35 06:35 06:37 06:3	t # = 7062 5/06,02:21 Start	DOY=1 Peak	+ ime	Pointing	S15W87		Pitch=+244", Yaw	⊬=-919", Roll=0deg	H.Ang=86deg
DOY=127 SMH Pointing: NOTE85 Pitch=-117", Yaw=+942", Roll=Odeg Peak (25:18 05:00:02 Peak:c/s=74 (0ual=01) Qual=01 Peak (0s:03:02 Peak:c/s=74 (0ual=01) Peak (0s:03:00 Peak:c/s=74 (0ual=01) Peak (0s:03:00 Peak:c/s=10 Peaks=2 Peaks:c/s=10 Peaks=2 Peaks:c/s=30 Peaks:c/s=30 Peaks:c/s=332 Peaks:c/s=30 Peaks:c/s=332 Peaks:c/s=30 Peaks:c/s	GOES 02:17 HXRBS 02:18:51	02:21 02:19:1	02:24 02:19:38	Importance=C2 Peakc/s=125	Qual=01 Qual=01	Tot Cts=926	MaxkeV=48		
DOY=127 SMM Pointing: NOTE85 Pitch=-117", Yaw=+942", Roll=0deg	t # = 7063 5/06,05:03 Start	DOY=1	End times	Pointing	N07E85		Pitch=-117", Yaw	r=+942", Roll=0deg	H. Ang=85deg
DOY=127 Pitch=-117", Yaw=+942", Roll=Odeg	GOES 04:58 HXRBS 04:58:52 BCS 04:59 FCS	05:03 04:59:1 04:59	05:10 05:00:02 05:03	Importance=C2 Peakc/s=74 CaPeak.c/s=36 Peak3c/s=12	Qua]=01 Qua]=01 Qua]= 1	FePeak=04:59	MaxkeV=48 FePeak.c/s=10 Rast=300"x300"	#Peaks=2 Step=10" Cad=	XEN=412702 1.024s/pixel
DOY=127 CaPeak.c/s=36 Qual= 3 FePeak=05:32 FePeak.c/s=10 FePeak.c/s=10 FePeak.c/s=33 Qual= 3 FePeak=05:32 FePeak.c/s=10 FePeak.c/s=36 CaPeak.c/s=36 Qual= 3 FePeak=05:32 Rast=180"x180" Step=10" Cad= 332s DOY=127	Event # = 20559 84/05/06,05:33 Start	00Y=12	ا ا	α.	N07E85		Pitch=-117", Yaw	/=+942", Roll=0deg	H.Ang=85deg
DOY=127 DOY	GOES 05:28 BCS 05:30 FCS	05:33 05:32 05:37		Importance=C1 CaPeak.c/s=33 Peak3c/s=369	Qual=03 Qual= 3	FePeak=05:32	FePeak.c/s=10 Rast=180"x180"	dt= Cad=	XEN=412704 1.024s/pixel
08:25 08:29 HaClass=SB NO7E89 AR4481 Mac.=EK0 Carr.Lon.=147deg 2 08:22:23 08:29 Importance=C3 Qual=01 Tot Cts=8760 Maxkev=48 PeaksC/s=369 Qual=01 Tot Cts=8760 Maxkev=48 PeaksC/s=201 Qual=01 Tot Cts=8760 Maxkev=48 PeaksC/s=201 Qual=01 Tot Cts=8760 Maxkev=48 PeaksC/s=70 PeaksC/s=201 Qual=01 Tot Cts=8760 Maxkev=48 Rast=180"x180" Step=10" Cad= 332s 245/15 8800/12 Mo5E81 NO5E81 Mac.=EK0 Carr.Lon.=154deg D07=127 SMM Pointing: NO6E81 Pitch=-113", Yaw=+936", Roll=0deg PeaksC/s=26 Qual= 3 FePeak=08:46 Rast=180"x180" Step=10" Cad= 332s D07=127 SMM Pointing: NO5E79 AR4481 Mac.=EK0 Carr.Lon.=154deg D07=127 Mac.Class=SF NO5E79 AR4481 Mac.=EK0 Carr.Lon.=154deg D14:02 14:45 Importance=C1 Qual= 4 FePeak=14:07 FePeakC/s=11 Peaks=3 Rast=180"x180" Step=10" Cad= 332s D14:08 15:05 CaPeakC/s=275 Qual= 4 FePeak=14:07 Rast=180"x180" Step=10" Cad= 332s D14:08 15:05 CaPeakC/s=275 Cad= 332s Rast=180"x180" Step=10" Cad= 332s D14:08 15:05 CaPeakC/s=275 Cad= 332s Cad= 332s D14:08 15:05 CaPeakC/s=275 Cad= 332s Cad= 332s D14:08 15:05 CaPeakC/s=275 Cad= 332s Cad= 332s D14:08 15:05 CaPeakC/s=275 CaPeakC/s=275 CaDeakC/s=275 CaDeakC/	*0	DOY=127 Peak	+ i #		N06E81		Pitch=-113", Yaw	=+936", Roll=0deg	H.Ang=82deg
2 08:22:23 08:26:18 Peakc/s=369 Qual=01 Tot Cts=8760 Maxkev=48 08:23 08:39 CaPeak.c/s=221 Qual= 1 FePeak=08:22 FePeak.c/s=70 #Peaks=1 08:33 08:39 CaPeak.c/s=221 Qual= 1 FePeak=08:22 FePeak.c/s=70 #Peaks=1 08:33 08:39 CaPeak.c/s=220 Qual= 1 FePeak=08:22 FePeak.c/s=70 #Peaks=1 08:23 08:39 CaPeak.c/s=220 Qual= 1 FePeak=08:22 FePeak.c/s=70 #Peaks=1 08:45 08:46 08:48 Importance=C1 Qual= 3 FePeak=08:46 FePeak.c/s=9 #Peaks=1 dt= 7.7s 08:46 08:48 Importance=C1 Qual= 3 FePeak=08:46 FePeak.c/s=9 #Peaks=1 dt= 7.7s 08:46 08:48 Importance=C1 Qual= 3 FePeak=08:46 FePeak.c/s=9 #Peaks=1 dt= 7.7s 08:46 08:45 Peaks.c/s=17 Qual= 3 FePeak=08:46 FePeak.c/s=9 #Peaks=1 dt= 7.7s 08:46 08:48 Importance=C1 Qual= 3 FePeak=08:46 FePeak.c/s=9 #Peaks=1 dt= 7.7s 08:46 08:48 Importance=C1 Qual= 3 FePeak=08:46 FePeak.c/s=1 #Peaks=3	08:19		08:29	HaClass=SB Importance=C3	NO7E89 Qual=01	AR4481	Mac.=EKO	Carr.Lon.=147deg	H.Ang=89deg
DOY=127 SMM Pointing: NOGE81 Pitch=-113", Yaw=+936", Roll=0deg Peak End times HaClass=SN	08:21 08:21 Frequ	~	08:26:18 08:39 ux(sfu):	Peakc/s=369 CaPeak.c/s=221 Peak3c/s=400 245/15 8800/12	Qual=01 Qual= 1	Tot Cts=8760 FePeak=08:22	MaxkeV=48 FePeak.c/s=70 Rast=180"x180"	Cad=	XEN=412705 1.024s/pixel
08:46 08:48 Importance=C1 Qual=03 Qual= 3 FePeak=08:46 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=180"x180" Step=10" Cad= 332s	# = 20560 1/06,08:46 Start	1 7	ti	مَ	N06E81		Pitch=-113", Yaw	=+936", Roll=Odeg	H.Ang=82deg
08:45 08:46 08:47 CaPeak.c/s=26 Qual= 3 FePeak=08:46 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=180"x180" Step=10" Cad= 332s	.a] 08:44	-	:48	HaClass=SN Importance=Cl	NO7E82 Qual=03	AR4481	Mac.=EKO	Carr.Lon.=154deg	H.Ang=83deg
# = 20561 '06,14:02	J	44	:47	Capeak.c/s=26 Peak3c/s=17	Qual= 3	FePeak=08:46	FePeak.c/s=9 Rast=180"x180"	dt= 7.7s Cad= 332	XEN=412711 1.024s/pixel
al 13:40 14:02 14:45 Importance=C1 Qual=04 14:07 14:08 15:05 CaPeak.c/s=34 Qual= 4 FePeak=14:07 FePeak.c/s=11 #Peaks=3 14:13 Peak3c/s=275 Qual= 4 FePeak=14:07 FePeak.c/s=11 #Peaks=3	Event # = 20561 84/05/06,14:02 Start	 ×	times	SMM Pointing:			Pitch=-118", Yaw	=+947", Roll=0deg	
4:07 14:08 15:05 CaPeak.c/s=34 Qual= 4 FePeak=14:07 FePeak.c/s=11 #Peaks=3 14:13 Peak3c/s=275 Qual= 4 FePeak=14:07 FePeak.c/s=11 #Peaks=3	رم	14:02	45	HaClass=SF Importance≡Cl	NO5E79	AR4481	Mac.=EKO	Carr.Lon.=154deg	H.Ang=79deg
	4:0	4:0	5:05	CaPeak.c/s=34 Peak3c/s=275	Qual= 4	FePeak=14:07	FePeak.c/s=11 Rast=180"x180"	Cad≖	XEN=412730 1.024s/pixel

205	62 3 D0Y=127	7	SMM Pointing:	N07E85		Pitch=-116", Yaw	, Yaw=+943", Roll	, Roll=Odeg	H.Ang=86deg
Start GOES 15:17 BCS 15:43 FCS	15:23 15:43 15:44	Ω ≣	Importance=C3 CaPeak.c/s=35 Peak3c/s=56	Qual=05 Qual= 5	FePeak=15:43	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	Cad=3840s	XEN=412716 3840s/pixel
Event # = 7065 84/05/06,16:25 84/05/06,16:25 0ptical GOES 16:21 HXRBS 16:24:2 BCS 16:23 FCS	DOY=127 Peak 16:25 1 16:24:3 16:25 16:25 ncy (MHZ)/	End times 16:27 16:26:21 16:28 1ux(sfu):	SMM Pointing: HaClass=SB Importance=C3 Peakc/s=1652 CaPeak.c/s=202 Peak3c/s=42 8800/33	NO6E82 NO8E89 Qual=01 Qual= 1	AR4481 Tot Cts=13758 FePeak=16:25	Pitch=-114", Yaw=+937" Mac.=EKO Carr. MaxkeV=219 Flags: FePeak.c/s=55 #Peak: Rast=0"x0" Step=	=+937",Roll=Odeg Carr.Lon.=143deg Flags=FS #Peaks=1 dt= 3. Step=0" Cad=38	,Roll=Odeg Lon.=143deg =FS s=1 dt= 3.8s o" Cad=3840s	H.Ang=82deg H.Ang=90deg XEN=412718 3840s/pixel
Event # = 7066 84/05/06,18:12	ļ.	1 '	SMM Pointing:	N06E81		Pitch=-114", Yaw=+935"	=+935", Rol	,Roll=Odeg	H.Ang=81deg
Start Pe GOES 18:07 18 HXRBS 18:07 17 18 BCS 18:08 18 FCS 18:52 18:52 NVSP 18:52	Peak 18:12 18:08:0 18:11 18:11 icy(MHz)/	End times 18:16 18:11:34 18:13 lux(sfu):	Importance=C1 Peakc/s=299 CaPeak.c/s=26 Peak3c/s=140 Wavelength=1524A	Qual=01 Qual=01 Qual= 3	Tot Cts=4491 FePeak=18:11 Exp #=17135	MaxkeV=108 FePeak.c/s=9 Rast=180"x180" Rast=250"x250"	#Peaks=2 Step=10" Step=10"	dt= 7.7s X Cad= 332s 1 Pitch=-172",	XEN=412721 1.024s/pixe1 ", Yaw=+947"
Event # = 7067 84/05/06,19:05	5 DOY=127		SMM Pointing:	N06E82		Pitch=-112", Yaw	, Yaw=+937", Roll=Odeg	1=0deg	H.Ang=82deg
<u>-</u>		nd times	HaClass=SN	N05E78	AR4481	Mac.=EKO	Carr.Lon.=152deg	=152deg	H.Ang=78deg
GOES 19:00 HXRBS 19:02:3 BCS 19:02:7 FCS 19:02	19:05 19:04 19:04 19:04)5:33 [2	Importance=C3 U Peakc/s=589 Q CaPeak.c/s=232 Q Peak3c/s=412 Wavelength=1524A C	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=19390 FePeak=19:04 Exp #=17135	MaxkeV=150 FePeak.c/s=65 Rast=0"x0" Rast=250"x250"	#Peaks=2 Step=0" Step=10"	Cad=1.02s Pitch=-172	XEN=412722 1.024s/pixel 2", Yaw=+947"
. rreq . 19:09	ency(mHz 52 19:10	:01 19:10:39	0000/23 13400/49 	Associated Qual=01	Event # = 7068 Tot Cts=230	MaxkeV=48	1 1 1 1	1 1 1	1 1 1 1 1
Event # = 7069 84/05/06,19:36	9 6 DOY=127 Peak	Fnd + imex	SMM Pointing:	N06E82		Pitch=-112", Yaw	, Yaw=+937", Rol	,Roll≖Odeg	H.Ang=82deg
GOES HXRBS 19:36: UVSP 18:52	6 19:	1 19:36:	Peakc/s=118 Wavelength=1524A	Qual=00 Qual=01	Tot Cts=261 Exp #=17135	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=-172"	", Yaw=+947"
21:12	D07	3	SMM Pointing:	N06E82		Pitch=-112", Yaw	, Yaw=+938", Roll=Odeg	=0deg	H.Ang=83deg
GOES 21:06 HXRBS 21:19:4 BCS 21:07 UVSP 20:26	21:16 21:16 46 21:19: 21:15	21:21 21:21 59 21:20:08 21:17	Importance=Cl Peakc/s=70 CaPeak.c/s=15 Wavelength=1524A	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=113 FePeak=21:07 Exp #=17136	MaxkeV=48 FePeak.c/s=15 Rast=250"x250"	#Peaks=3 Step=10"		XEN=412724 Pitch=-172", Yaw=+947"

Importance=CI	ent # 1/05/0	= 2056 6,22:08	3 D0Y=127		SMM Pointing:	N07E88		Pitch=-118" Ya	Y ====================================]=Odea	TO POOL SAV II
22:08 22:09 table	, i	Start 22.06	Peak 22.00	Ē				7.7	-	n-oned	H.Ang≖89αeg
Montanger Matter Montanger Matter	ည်လည်	22:06	22:08 22:08 22:07	22:0 9	<pre>Importance=C1 CaPeak.c/s=25 Peak3.c/s=17 Wavelength=1524A</pre>	Qual=01 Qual= 1 Code=00		FePeak.c/s=12 Rast=420"x420" Rast=250"x250"		dt= 7.7s Cad=1806s Pitch=-172	XEN=412729 1.024s/pixel ", Yaw=+947"
DOY=128 End times SMH Pointing: NOTE83 Pitch=-115", Yaw=+939", Roll=Odeg Occasion Occas	# tua	= 2056/				84/05/(
00:05 00:14 CaPeak.C6=29 Qual=1 FePeak=00:05 FePeak.C/s=6 #Peaks=3 dt=7.7s	02/0/	7,00:05 Start	DOY=12 Peak	- 7		NO7E83		Pitch=-115", Ya	v=+939", Ro1	1=0deg	H.Ang=83deg
10 12 12 13 14 14 14 14 14 14 14	Sive	3:35 3:35 3:35	00:05 00:05		Importance=Cl CaPeak.c/s=29 Wavelength=1524A	Qual=01 Qual= 1 Code=00	FePeak=00:05 Exp #=17138	FePeak.c/s=6 Rast=250"x250"	#Peaks=3 Step=10"	dt= 7.7s Pitch=-172'	XEN=412800 ", Yaw=+947"
01:22	int # 05/0;	= 7071 7,01:22 Start	اتخا	9	S. S.	N06E82		Pitch=-114", Yaw	+=+937", Ro1	1=0deg	H.Ang=82deg
Pack	SS)1:19)1:20:39)1:21	8828	01:26 01:21:45 01:23	Importance=Cl Peakc/s=306 CaPeak.c/s=29	Qual=01 Qual=01 Qual= 1	Tot Cts=3106 FePeak=01:21	MaxkeV=108 FePeak.c/s=11			XEN=412803
2 DOY=128)1:09 Frequen	. (ZHW	sfu):	Mavelength=1524A 8800/32 15400/45	Code=00	Exp #=17139	Rast=300"x300" Rast=250"x250".		Cad= 922s Pitch=-172'	1.024s/pixel ', Yaw=+947"
02:02 02:03	- N	= 20565 ,02:02 tart	D0Y=12 Peak	ع ا	SM	N06E82		Pitch=-114", Yaw	/=+937", Ro1	1=0deg	H.Ang=82deg
2 DOY=128 SMM Pointing: S15W89 Pitch=+248", Yaw=-919", Roll=Odeg 903:18 03:18 03:19 Importance=C1 Qual=01 Tot Cts=1907 Maxkey=88 903:18 03:18 03:19 Peakc/s=220 Qual=01 Tot Cts=1907 Maxkey=88 3 03:17:25 03:17:25 03:17:25 03:17:25 O3:17:25 O3:17:25 3 DOY=128 Find times HaClass=1N NO6E68 AR4481 Mac.=FKI Carr.Lon.=157deg 15 O4:28:51 O4:29:48 Peakc/s=77 Qual=01 Tot Cts=1725 Maxkey=48 4 DOY=128 SMM Pointing: NO7E85 Pitch=-116", Yaw=+942", Roll=0deg 5 DOY=128 End times Peakc/s=77 Qual=01 Tot Cts=1725 Pitch=-116", Yaw=+942", Roll=0deg 6 End times SMM Pointing: NO7E85 Pitch=-116", Yaw=+942", Roll=0deg 5 O6:12 O6:14 Importance=C1 Qual=01 Tot Cts=578 Maxkey=48 6 O6:11:49 D6:12:38		72:00 72:01 11:09	02:02 02:01 02:02)	Importance=C1 CaPeak.c/s=21 Peak3c/s=22 Wavelength=1524A	Qual=01 Qual= 1 Code=00	FePeak=02:01 Exp #=17139	FePeak.c/s=12 Rast=180"x180" Rast=250"x250"	#Peaks=1 Step=10" Step=10"	Cad= 332s Pitch=_172"	XEN=412804 1.024s/pixe1
Peak End times End times Peak End times End times Peak End times Peak End times Peak End times E	ot #	= 7072 ,03:18	D0Y=12		SMM Pointing:	S15W89		Pitch=+248" Yaw	019" Bol		20 POO - 200 V II
3 DOY=128 Peak End times	SS O	3:16:59	reak 03:18 03:17:2	End time 03:19 03:17:38	Importance=Cl Peakc/s=220 Wavelength=3090A	Qual=01 Qual=01 Code=00	Tot Cts=1907 Exp #=17142	MaxkeV=88 Rast=240"x240"	Step=3"	pitch=+182"	
15 04:28:51 04:29:48	1t # 05/07 S	= 7073 ,04:33 tart	D0Y=128 Peak	t i me	Pointing	S15W89		Pitch=+248", Yaw	919", Roll	=0deg	
04:27:15 04:28:51 04:29:48	cal (cal		04:33	40		NO6E68 Oual=04	AR4481	Mac.=FKI	Carr.Lon.=	157deg	H.Ang=69deg
# = 7074 707,06:12	χ. 00		04:28:5	:29:48	6 A	Qual=01 Code=00	Tot Cts=1725 Exp #=17143	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+182"	, Yaw=-92
06:11 06:12 06:14 mportance=C1 Qual=O1	it 35/07 5	= 7074 ,06:12 tart	128		Pointing:	N07E85		Pitch=-116", Yaw	=+942",Roll		H. Ang=85deg
	"8" •000	2	:49	14 12:38	Importance=C1 Peakc/s=76 Wavelength=1526A	Qual=01 Qual=01 Code=00	Tot Cts=578 Exp #=17144	MaxkeV=48 Rast=250"x250"		179"	, Yaw=+938"

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ent #/05/07		D0Y=128		SMM Pointing:	N07E85		Pitch=-116", Yaw=	, Yaw=+942", Roll	, Roll=Odeg	H.Ang=85deg
GOES OF HXRBS OF UVSP OF	r.	••	End times 06:28 06:25:06	ortance=Cl kc/s=83 elength=1526A	Qual=01 Qual=01 Code=00	Tot Cts=888 Exp #=17144	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=-179"	, Yaw=+938"
int # 05/07	= 20566 ,07:44	D0Y=128	+	SMM Pointing:	N07E83		Pitch=-116", Yaw=	, Yaw=+940", Roll=Odeg	=0deg	H.Ang=84deg
GOES 0 BCS 0 FCS 0 UVSP 0	Start 60ES 07:36 8CS 07:43 FCS 07:43 UVSP 07:43	7eak 07:44 07:45 07:44	^	Importance=Cl CaPeak.c/s=28 Peak3c/s=156 Wavelength=1526A	Qual=05 Qual= 5 Code=00	FePeak=07:45 Exp #=17145	FePeak.c/s=7 Rast=180"x180" Rast=250"x250"	#Peaks=3 Step=10" Step=10"	dt= 7.7s X Cad= 332s 1 Pitch=-179",	XEN=412805 1.024s/pixel ',Yaw=+938"
Event # 84/05/07	= 20567 7,09:15	D0Y=128		SMM Pointing:	N06E82		Pitch=-113", Yaw	, Yaw=+937", Roll	, Roll=Odeg	H.Ang=82deg
GOES O BCS O FCS O UVSP O	Start S 09:06 09:21 P 09:17	Peak 09:15 09:21 09:22	End times 09:24 09:27	Importance=C2 CaPeak.c/s=34 Peak3c/s=396 Wavelength=1526A	Qual=05 Qual= 5 Code=02	FePeak=09:27 Exp #=17146	FePeak.c/s=8 Rast=180"x180" Rast=250"x250"	#Peaks=1 Step=10" Step=10"	X Cad= 332s 1 Pitch=-179",	XEN=412808 1.024s/pixel ",Yaw=+938"
vent # =	= 20568 7, 12:37			SMM Pointing:	N06E81		Pitch=-112", Yaw	, Yaw=+936", Rol	, Roll=Odeg	H.Ang=82deg
60ES BCS 1 ECS 1 ECS 1	Start 12:35 12:37 12:31	Peak 12:37 12:38 12:37	End times 12:40 12:42	Importance=C2 CaPeak.c/s=32 Peak3c/s=38 Wavelength=1526A	Qual=05 Qual= 5 Code=00	FePeak=12:38 Exp #=17148	FePeak.c/s=9 Rast=180"x180" Rast=250"x250"	#Peaks=1 Step=10" Step=10"	dt= 7.7s X Cad= 332s 1 Pitch=-179",	XEN=412810 1.024s/pixel ",Yaw=+938"
ent #	Event # = 20569 84/05/07 13:27	D0Y=128		SMM Pointing:	N06E81		Pitch=-112", Yaw	, Yaw=+936", Rol	,Roll=Odeg	H.Ang=82deg
. L. C. J.	Start	Peak	imes	HaClass=SF	N07E71	AR4481	Mac.=FKI	Carr.Lon.=149deg	=149deg	H.Ang=72deg
- 5	13:15 13:44 14:06	13:27 13:44 13:48	13:50 13:51	Importance=C2 CaPeak.c/s=26 Peak3c/s=83 Wavelength=1526A	Qual= 5 Qual= 5	FePeak=13:44 Exp #=17149	FePeak.c/s=7 Rast=180"x180" Rast=250"x250"	#Peaks=1 Step=10" Step=10"	X Cad= 332s 1 Pitch=-179",	XEN=412812 1.024s/pixel ", Yaw=+938"
ent #	Event # = 7076 84/05/07,14:38	D0Y=128		SMM Pointing:			Pitch=-115", Yaw	,Yaw=+947",Rol	, Roll=Odeg	
tical	Start	Peak	nd time	HaClass=SN	NO7E71	AR4481	Mac.=FKI	Carr.Lon.=149deg	=149deg	H.Ang≈72deg
GOES HXRBS UVSP	14:35 14:36:35 14:06	14:38 14:36:5	14:43 6 14:37:27	Importance=Li Peakc/s=70 Wavelength=1526A	Qual=01 Code=00	Tot Cts=357 Exp #=17149	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=-179	Pitch=-179", Yaw=+938"
Event # 84/05/0	= 7077 7,15:26	D0Y=128	4	SMM Pointing:	S03W00		Pitch=-2",Yaw=-2"	.2",Roll=Odeg	ed	H.Ang=Odeg
GOES HXRBS UVSP	Start 15:22 15:20:47 15:20	reak 15:26 7 15:21:43	15:22:55	Importance=C1 Peakc/s=91 Wavelength=1526A	Qual=01 Qual=01 A Code=00	Tot Cts=1097 Exp #=17150	MaxkeV=67 Rast=250"x250"	Step=10"	Pitch=-64",Yaw=-5"	, Yaw=-5"

				84/02/08	D0Y=129		
Event # = 84/05/08,0		67	SMM Pointing:	N07E61		Pitch=-141", Yaw=+829", Roll=Odeq	H.Ana=62dea
GOES 07:47 HXRBS 07:48:59	48:59 07:49:	End times 07:53 9:23 07:50:31	s Importance=B9 Peakc/s=75	Qua]=01 Qua]=02	Tot Cts=542	MaxkeV=48 F]ags=SN	
Event # = 84/05/08,1	7082 2:31 DOY=1 rt Peak	[29 Fnd +imax	SMM Pointing:	N07E59		Pitch=-146", Yaw=+808", Roll=0deg	H.Ang=60deg
GOES 12: HXRBS 12: Radio Fr	28 12:31 29:09 12:29 equency (MHz	S 12:28 12:31 12:33 3S 12:29:09 12:29:41 12:29:56 io Frequency(MHz)/Flux(sfu):	Importance=C1 Peakc/s=77 15400/21	Qual=01 Qual=01 1	Tot Cts=584	MaxkeV=48	,
Event # = 84/05/08,1	= 7083 8,14:56 DOY=1 Start Peak	.29 Fnd times	SMM Pointing:	N07E57		Pitch=-143", Yaw=+793", Roll=Odeg	H.Ang=58deg
GOES 14:	52 14:56 56:03 14:56:25	14:58 14:57:51	Importance=B8 Peakc/s=189	Qual=04 Qual=01 I	Tot Cts=2538	MaxkeV=67	
	1001			84/05/09	D0Y=130		
Event # = 7084 84/05/09,00:48 Start	7084 3:48 D0Y=130 rt Peak	.30 End times	SMM Pointing:	NO7E52	•	Pitch=-148", Yaw=+748", Roll=Odeg	H.Ang=53deg
ptical OES 00:4		8	mnortance=[]	0.el=0	AR4481	Mac.=FKI	
	00:46:54 00:47:04 00:47 00:47	:04 00:47:50 00:49	Peakc/s=67 CaPeak.c/s=36	Qual=01 T Qual= 1 F	Tot Cts=467 FePeak=00:47	MaxkeV=48 FePeak.c/s=10 #Peaks=1 Rast=0"x0" Step=0" Cad=3840s	XEN=413000 840s 3840s/pixel
Event # = 7085 84/05/09,05:33 Start	DOY=1 Peak	30 End times	SMM Pointing:	N07E49		Pitch=-148", Yaw=+717", Roll=Odeg	H.Ang=50deg
GOES HXRBS 05:3: UVSP	, 05	:59 05:3	Peakc/s=79	Qual=00 Qual=01 T	Tot Cts=426	MaxkeV=48 Pitch=	Pitch=-132",Yaw=+631"
Event # = 20570 84/05/09,06:55	D0Y=1	08	SMM Pointing:	N07E50		Pitch=-152", Yaw=+722", Roll=Odeg	H.Ana=51dea
GOES 06:4 BCS 06:5 UVSP	.0 06:55 3 06:55	07:03 07:03	Importance=Cl CaPeak.c/s=27	Qual=05 Qual= 5 F	FePeak=06:55	FePeak.c/s=6 #Peaks=1 dt= 7.	dt= 7.7s XEN=413001 Pitch=-207", Yaw=+706"
/ent # = 7 1/05/09,08 Star	00Y=1	10 End +i	SMM Pointing:	N07E47		Pitch=-152", Yaw=+695", Roll=Odeg	H. Ang=48deg
GOES 08:34 HXRBS 08:38:11 BCS 08:38	08:38 08:38 08:39	53 08:45 08:45 08:40	Importance=C1 Peakc/s=77 CaPeak.c/s=44	Qual=01 Qual=01 Tc Qual= 1 Fe	Tot Cts=135 FePeak=08:39	MaxkeV=48 FePeak.c/s=10 #Peaks=1	XEN=413005

84/05/09,10:11	D0Y=130	1	SMM Pointing:	N07E47		Pitch=-151",Yaw	, Yaw=+692", Roll=0deg	=0deg	H.Ang≖48deg
Start hptical		E S		NOGE50	AR4481	Mac.=FKI	Carr.Lon.=146deg	146deg	H.Ang=51deg
GOES 10:07 BCS 10:09	10:11 10:09	10:16 10:12	Importance=88 CaPeak.c/s=22	Qual=04 Qual= 4	FePeak=10:09	FePeak.c/s=11	#Peaks=1		XEN=413007
Event # = 20572 84/05/09,14:17	D0Y=130		SMM Pointing:	NO7E44		Pitch=-153", Yaw	, Yaw=+658", Roll=0deg	=0deg	H.Ang=45deg
Start Optical	Peak	.		N04E42	AR4481	Mac.=FKI	Carr.Lon.=151deg	151deg	H.Ang=43deg
GOES 14:12 BCS 14:35 UVSP 14:35	14:1/ 14:35	14:43 14:35	Importance=Cl CaPeak.c/s=20 Wavelength=1524A	Qual=05 Qual= 5	FePeak=14:35 Exp #=17166	FePeak.c/s=7 Rast=285"x285"	#Peaks=1 Step=15" F) Pitch=-218",	XEN=413008 ", Yaw=+654"
Event # = 7087 84/05/09,15:06	D0Y=130	-	SMM Pointing:	N07E44		Pitch=-157", Yaw=+659", Roll=Odeg	w=+659", Roll:	=0deg	H.Ang=45deg
start Optical		End times	HaClass=SF	NO5E35	AR4481	Mac.=FKI	Carr.Lon.=158deg	158deg	H.Ang=36deg
GOES 15:04 HXRBS 15:05:18 UVSP 15:05	15:06 15:05:20	15:08 15:05:22	Importance=C1 Peakc/s=116 Wavelength=1524A	Qual=01 Qual=01 Code=00	Tot Cts=164 Exp #=17171	MaxkeV=67 Rast=30"x30"	Step=0"	Pitch=-226",	", Yaw=+662"
Event # = 7088 84/05/09,15:15	Į.		SMM Pointing:	N07E44		Pitch=-157", Yaw	, Yaw=+659", Roll=Odeg	=0deg	H.Ang=45deg
Start Optical	<u> </u>	cimes.	HaClass=SF	NO5E35	AR4481	Mac.=FKI	Carr.Lon.=158deg	158deg	H.Ang=36deg
GOES 15:12 HXRBS 15:15:03 UVSP 15:05	15:15 15:15:11	15:1/ 15:15:23	Importance=B9 Peakc/s=96 Wavelength=1524A	Qual=01 Qual=01 Code=00	Exp #=17171	MaxkeV=48 Rast=30"x30"	Step=0"	Pitch=-226"	", Yaw=+662"
Event # = 7089 84/05/09,15:30	1		SMM Pointing:	N07E44		Pitch=-157", Yaw=+659", Roll=Odeg	W=+659", Roll	=0deg	H.Ang=45deg
Start Optical	-	End times	-	N08E41	AR4481	Mac.=FKI	Carr.Lon.=152deg	152deg	H.Ang=42deg
GOES 15:27 15:30 HXRBS 15:29:07 15:29:2 BCS 15:29 15:47 UVSP 15:20 Radio Frequency(MHz)/	15:30 15:29:28 15:47 icy (MHz)/F1	15:32 15:30:03 16:05 ux(sfu):	Importance=C1 Peakc/s=336 CaPeak.c/s=93 Wavelength=1524A 4995/9 8800/13 15	Qual=02 Qual=01 Qual= 6 Qual= 6 A Code=00 15400/32	Tot Cts=5520 FePeak=15:47 Exp #=17173	MaxkeV=67 FePeak.c/s=10 Rast=30"x30"	#Peaks=1 Step=0"	Pitch=-226	XEN=413009 Pitch=-226", Yaw=+662"
Event # = 7090 84/05/09,15:48	D0Y=130		SMM Pointing:	N07E44		Pitch=-157", Yaw=+659", Roll=Odeg	w=+659", Roll	=0deg	H.Ang=45deg
Start Optical		End time	HaClass=1B	N13E53	AR4481	Mac.=FKI	Carr.Lon.=140deg	140deg	H.Ang=55deg
	15:48 16:06:44	7	Importance=u8 Peakc/s=65 Wayelength=1524A	Qual=05 Qual=01	Tot Cts=467 Exp #=17174	MaxkeV=48 Rast=285"x285"	Step=15"	Pitch=-218	Pitch=-218", Yaw=+654"
Radio Sweeps Dadio Fraguen	Sweeps Type/Intensity	•• •	11/1 1V/1 245/160 410/100 6	506/17 14	15/19 2695/44 4	1V/1 160 410/100 606/17 1415/19 2695/44 4995/63 8800/40 15400/24	5400/24		

				84/05/10	10 D0Y=131				
Event # = /091 84/05/10,02:20 Start	DOY=131 Peak	Fnd times	SMM Pointing:	S03W00		Pitch=-1",Yaw=-3",Roll=Odeg	-3", Roll=0dec	6	H. Ang=Odeg
Optical GOES 01:05 HXRBS 01:48:56		03:10 01:49:56	HaClass=1F Importance=C4 Peakc/s=73	N15E68 Qual=04 Qual=01	Tot Cts=2559	MaxkeV=48	Carr.Lon.=119deg	č	H.Ang=70deg
HXRBS 02:06:53	02:07	:50 02:08:16	Peakc/s=67	Associated Qual=01	1 Event # = 7092 Tot Cts=369		1 1 1	Pitch=+63" Pitch=+63"	, Yaw=+18" , Yaw=+18"
Event # = 7093 84/05/10,03:23 Start	D0Y=131 Peak	End times				Pitch=-157", Yaw	, Yaw=+569", Roll=Odeg	=0deg	H.Ang=38deg
Optical GOES 03:18 HXRBS 03:19:08 ACC 03:19:08	03:18 03:23 03:19:08 03:19:48	03:32 03:21:53	HaClass=SN Importance=C4 Peakc/s=270	NO7E39 Qual=01 Qual=01	AR4481 Tot Cts=8503	Mac.=FKI MaxkeV=88	"_		H.Ang=40deg
	03:29 ncy (MHz)/F	.33 (sfu):	Carear.c/s-93 Peak3c/s=243 2695/39 4995/37	w	rereak=03:22 15400/110	rereak.c/s=19 Rast=420"x420"	#Peaks=1 c Step=10" (dt= 3.8s Cad=1806s	XEN=413100 1.024s/pixel
Event # = 20573 84/05/10,04:00 Start	3 00Y=131 peak	Fod times	SMM Pointing:	N07E37		Pitch=-157", Yaw	, Yaw=+569", Roll=0deg	=0deg	H. Ang=38deg
Optical			HaClass=SF	NO7E39	AR4481	Mac.=CSO	Carr.Lon.=1	=147deg	H.Ang=40deg
BCS 03:58 FCS Radio Frequen	3:58 04:00 04:00 Frequency(MHz)/F	04:05 /Flux(sfu):	Capeak.c/s=38 Peak3c/s=24 8800/19 15400/19		FePeak=03:59	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 d Step=0" C	dt= 7.7s Cad=3840s	XEN=413102 3840s/pixel
Event # = 7094 84/05/10,06:42 Start	DOY=131 Peak	End times	SMM Pointing:	N07E36		Pitch=-160", Yaw	, Yaw=+549", Roll=0deg	=0deg	H.Ang=37deg
)ptical 50ES 06:33	06:42	06:48	Ha.	N07E37	AR4481	Mac.=FKI	Carr.Lon.=147deg	147deg	H.Ang≃38deg
HXRBS 06:40:41 UVSP 06:34 Radio Frequen	1 06:41:43 1cy (MHz)/F	06:40:41 06:41:43 06:42:17 06:34 Frequency(MHz)/Flux(sfu):	Peakc/s=74 Wavelength=1524A 8800/17	Qual=01 Qual=01 A Code=00	Tot Cts=535 Exp #=17177	MaxkeV=48 Rast=250"x250"	Step=10" p	Pitch=-216",Yaw=+549	, Yaw=+549"
Event # = 20574 84/05/10,09:45 Start	DOY=131	Fnd times	SMM Pointing:	N07E33		Pitch=-159", Yaw	, Yaw=+516", Roll=0deg		H.Ang=35deg
ptical OES 09:42		• • •	HaClass=SF Importance=Cl	NO6E30 Oual=05	AR4481	Mac.=CSO	Carr.Lon.=153deg		H.Ang≖3ldeg
BCS 09:44 UVSP 09:40	09:44	09:45	CaPeak.c/s=29 Wavelength=1524A	Qual= 5 \Code=00	FePeak=09:44 Exp #=17179	FePeak.c/s=8 Rast=250"x250"	#Peaks=1 Step=10" P	Pitch=-218"	XEN=413103 -218", Yaw=+525"
<pre>ivent # = 7097 84/05/10,10:01 Start</pre>	DOY=131 Peak	Fnd times	SMM Pointing:	N07E33		Pitch=-159", Yaw=+516", Roll=Odeg	=+516", Roll=		H.Ang=35deg
GOES 09:56 HXRBS 09:57:41 UVSP 09:40 Radio Frequen	10:01 09:58:11 cy(MHz)/F	10:04 09:58:32 lux(sfu):	Importance=Cl Peakc/s=68 Wavelength=1524A 8800/13	Qual=01 Qual=01 \ Code=00	Exp #=17179	MaxkeV=48 Rast=250"x250"	Step=10" P	Pitch=-218",Yaw=+525	, Yaw=+525"

+516", Roll=Odeg H.Ang=35deg Carr.Lon.=151deg H.Ang=33deg #Peaks=1 XEN=413104 Step=10" Cad= 332s 1.024s/pixel Step=10" pitch=-218" Yaw=+525"	+514",Roll=Odeg H.Ang=35deg #Peaks=1 XEN=413105 Step=10" Pitch=-218",Yaw=+514"	, Yaw=+514", Roll=Odeg H.Ang=35deg Carr.Lon.=153deg H.Ang=30deg 7 #Peaks=1 dt= 7.7s XEN=413106 80" Step=10" Cad= 332s 1.024s/pixel 50" Step=10" Pitch=-218", Yaw=+514"	#Peaks=1 XEN=413107 Step=10" Cad= 332s 1.024s/pixel Step=10" Pitch=-219", Yaw=+501"	+494",Roll=Odeg H.Ang=33deg Step=10" Pitch=-219",Yaw=+501"	194", Roll=Odeg H.Ang=33deg
Pitch=-159", Yaw=+516", Mac.=CS0 Carr.1 FePeak.c/s=12 #Peaks Rast=180"x180" Step= Dack=250"x250" Step=	Pitch=-163", Yaw=+514", Roll=0deg FePeak.c/s=9 #Peaks=1 Rast=250"x250" Step=10" Pitch	Pitch=-163", Yaw=+5 Mac.=FKI Ca FePeak.c/s=7 #P Rast=180"x180" St Rast=250"x250" St	Pitch=-163", Yaw=+494", Roll=Odeg FePeak.c/s=9 #Peaks=1 Rast=180"x180" Step=10" Cad= Rast=250"x250" Step=10" Pitch	Pitch=-163", Yaw=+494", Roll=0deg MaxkeV=48 Rast=250"x250" Step=10" Pitch	Pitch=-163", Yaw=+494", Roll=Odeg
AR4481 FePeak=10:22	FePeak=11:36 Exp #=17180	AR4481 FePeak=11:55 Exp #=17180	FePeak=12:37 Exp #=17181	Exp #=17181	
NO7E33 N08E31 Qual=02 Qual= 2	N07E33 Qual=01 Qual= 1 Code=00	N07E33 N07E28 Qual=03 Qual= 3 Code=00	N07E32 Qual=03 Qual= 1	N07E32 Qual=01 Qual=01 Code=00	N07E32
SMM Pointing: HaClass=SN Importance=C2 CaPeak.c/s=44 Peak3c/s=48	SMM Pointing: Importance=Cl CaPeak.c/s=18 Wavelength=1524A	SMM Pointing: NHaClass=SF NIMportance=Cl CaPeak.c/s=22 Peak3c/s=95 Wavelength=1524A (SMM Pointing: Importance=Cl CaPeak.c/s=24 Peak3c/s=46 Wavelength=1524A	SMM Pointing: Importance=B9 (Peakc/s=75 Wavelength=1524A	SMM Pointing:
End times 10:29 10:23	End times 11:42 11:36	End times 11:59 11:57	End times 12:38 12:37	End times 13:04 13:03:02	End times
D0Y=131 Peak 10:27 10:22 10:22	DOY=131 Peak 11:36 11:36	DOY=131 Peak 11:56 11:55 11:54	DOY=131 Peak 12:37 12:37 12:37	DOY=131 Peak 13:02 13:02:25	D0Y=131 Peak
Event # = 20575 84/05/10,10:27 Start Optical GOES 10:19 BCS 10:21 FCS	t # = 20576 5/10,11:36 Start 11:34 11:36 11:17	Event # = 20577 84/05/10,11:56 Start Optical GOES 11:52 BCS 11:54 FCS 11:54	Event # = 20578 84/05/10,12:37 Start GOES 12:36 BCS 12:37 FCS 12:49	Event # = 7098 84/05/10,13:02 Start GOES 13:00 HXRBS 13:01:50 UVSP 12:49	Event # = 7099 84/05/10,13:10 Start

H.Ang=33deg	H.Ang=68deg XEN=413109 1.024s/pixel 9", Yaw=+501"	=0deg H.Ang=32deg 249deg H.Ang=69deg Pitch=-217", Yaw=+485"	H.Ang=32deg H.Ang=28deg	XEN=413110 1.024s/pixe1 ", Yaw=+485"	H.Ang=32deg	H.Ang=31deg H.Ang=71deg	XEN=413111 1.024s/pixel	H.Ang=32deg	H.Ang=14deg		H.Ang=32deg H.Ang=29deg
, Yaw=+494", Roll=0deg	Carr.Lon.=249deg H #Peaks=1 Step=10" Cad= 332s 1 Step=10" Pitch=-219",	,Yaw=+476",Roll=Odeg Carr.Lon.=249deg 50" Step=10" Pitch=-21]	, Yaw=+476", Roll=Odeg Carr.Lon.=153deg	#Peaks=1 Step=10" Cad= 332s Step=10" Pitch=-217"	, Yaw=+475", Roll=Odeg	Carr.Lon.=150deg Carr.Lon.=250deg	#Peaks=2 dt= 7.7s Step=10" Cad= 332s	, Yaw=+475", Roll=Odeg	Carr.Lon.=164deg Flags=I	r i ags=r>	.+486",Roll≖Odeg Carr.Lon.=149deg
Pitch=-163", Yaw	Mac.=CSO FePeak.c/s=6 Rast=180"x180" Rast=250"x250"	Pitch=-159", Yaw Mac.=CSO MaxkeV=48 Rast=250"x250"	Pitch=-159", Yaw	MaxkeV=48 FePeak.c/s=10 Rast=180"x180" Rast=250"x250"	Pitch=-157", Yaw	Mac.=FKI	MaxkeV=48 FePeak.c/s=37 Rast=180"x180"	Pitch=-157", Yaw= Mac.=FKI	kev=401	(ev=190	Pitch=-156",Yaw=+486",Roll=Odeg Mac.=FKI Carr.Lon.=149de MaxkeV=48
	AR4484 FePeak=13:27 Exp #=17181	AR4484 Exp #=17182	AR4481	FePeak=15:00 Exp #=17182		AR4481 AR4484	01 Tot Cts=7390 1 FePeak=15:52 15400/19	AR4481	AR4480 Tot Cts=1.07E+6 Max 8800/690 15400/640 Event # = 7103	101 613-049/0	AR4481 Tot Cts=281
N07E32	S12W68 Qual=01 Qual= 1 Code=00	NO7E30 S12W69 Qual=01 Qual=01 Code=00	N07E30 N06E27	Qual=01 Qual= 1 Qual= 1 Code=00	N07E30	N09E29 S13W71 Oual=04	Qual=01 Qual= 1 8800/29 154	N07E30 N03E21	S04E14 Qual=01 Qual=01 4995/280 sociated	- 1	N07E31 N08E27 Qual=01 Qual=01
SMM Pointing:	HaClass=SN Importance=C1 CaPeak.c/s=19 Peak3c/s=47 Wavelength=1524A	SMM Pointing: HaClass=SF Importance=Cl Peakc/s=61 Wavelength=1524A	SMM Pointing: HaClass=SN	Mayelength=1524A (4995/10 8800/17	SMM Pointing:	HaClass=1B HaClass=SN Importance=C4	88(MM Pointing: laClass=28	aClass=SF mportance=M4 eakc/s=13460 415/28 2695/280		SMM Pointing: HaClass=SN Importance=B8 Peakc/s=58
End +impe	N N	End times 14:25 14:22:59	End times	15:00:51 15:03 15:03 lux(sfu):	End times	16:02	2 15:55:17 15:59 Flux(sfu):	End times	18:00 17:39:08 ux(sfu):	66:66:	End times 20:54 20:52:08
D0Y=131	13:28 13:27 13:27	DOY=131 Peak 14:22 14:22:35	0Y=131 eak	4:59:33 14:59:58 15:00:5 5:00 15:01 15:03 4:10 Frequency(MHz)/Flux(sfu)	D0Y=131 Peak	15:54	15:52:22 15:53 15:46 3y (MHz)/F1	00Y=131 Peak	17:25 17:22:22 y(MHz)/F1u	20.75	DOY=131 Peak E 20:52 20:51:38
Event # = 20579 84/05/10,13:28 Start	al 13:26 13:27 12:49	Event # = 7100 84/05/10,14:22 Start Optical GOES 14:20 HXRBS 14:2:06 UVSP 14:10	Event # = 7101 84/05/10,15:00 Start Optical GOES 14.57		= 7102 0,15:54 Start		5:50:11 5:43 Frequenc	Event # = 7306 84/05/10,17:25 Start Optical	17:19 17:25 18:00 17:25 18:00 17:20:40 17:22:22 17:39:08 PFrequency(MHz)/Flux(sfu): 17:50:33 17:51:28 17:53:55	¥ = 7104	20:52 Start 20:50 20:51:22
Event 84/05/	Optical GOES BCS FCS UVSP	Event #84/05/1 0ptical GOES HXRBS UVSP	Event 84/05/ Optica	HXRBS BCS FCS UVSP Radio	Event 84/05/	Optica Optica GOES	HXRBS 1 BCS 1 FCS 1	Event # 84/05/10 Optical	Optical GOES HXRBS Radio	F. 400	84/05/10 Optical GOES HXRBS

				84/05/11	D0Y=132			
Event # = 7105 84/05/11,04:35	1		SMM Pointing:	N07E23		Pitch=-161", Yaw=+368", Roll=Odeg	:+368", Roll=0deg	H.Ang=25deg
Start GOES HXRBS 04:35:30	Peak 04:35:43	End times 3 04:36:13	Peakc/s≖86	Qual=00 Qual=01	Tot Cts=547	MaxkeV=67		
Event # = 20580 84/05/11,07:32 Start Optical GOES 07:25 BCS 07:42 FCS	DOY=132 Peak 07:32 07:42 07:48 y(MHz)/	End times 07:45 07:56 Flux(sfu):	SMM Pointing: HaClass=1B Importance=M1 CaPeak.c/s=118 Peak3c/s=464 2695/62 4995/77 8	NO7E21 NO3E12 Qual=05 Qual= 5 \$800/71 15	AR4481 FePeak=07:42 15400/56	Pitch=-161", Yaw= Mac.=FKI FePeak.c/s=12 Rast=300"x300"	,Yaw=+340",Roll=Odeg Carr.Lon.=159deg 12 #Peaks=1 00" Step=10" Cad= 922s	H.Ang=23deg H.Ang=13deg XEN=413200 1.024s/pixel
Event # = 20581 84/05/11,08:29 Start Optical GOES 08:21 BCS 08:23 FCS	DOY=132 Peak 08:29 08:25 08:24	End times 08:34 08:25	SMM Pointing: HaClass=SN Importance=C1 CaPeak.c/s=23 Peak3c/s=30	NO7E21 NO9E28 Qual=02 Qual= 3	AR4481 FePeak=08:25	Pitch=-161", Yaw= Mac.=FKI FePeak.c/s=7 Rast=180"x180"	,Yaw=+340",Roll=Odeg Carr.Lon.=142deg 7 #Peaks=1 dt= 7.7s 80" Step=10" Cad= 332s	H.Ang=23deg H.Ang=30deg XEN=413202 1.024s/pixel
Event # = 20582 84/05/11,09:39 Start Optical GOES 09:20 ECS 09:31	DOY=132 Peak 09:39 09:32	End times 09:48 09:44	SMM Pointing: HaClass=SF Importance=C1 CaPeak.c/s=22 Peak3c/s=21	NO7E20 NO3E11 Qual=01 Qual= 1	AR4481 FePeak=09:40	Pitch=-161", Yaw= Mac.=FKI FePeak.c/s=9 Rast=300"x300"	,Yaw=+327",Roll=Odeg Carr.Lon.=158deg 9 #Peaks=1 00" Step=10" Cad= 922s	H.Ang=23deg H.Ang=13deg XEN=413203 1.024s/pixel
Event # = 7110 84/05/11,15:26 Start Optical GOES 15:13 HXRBS 15:24:24 UVSP 15:23 Radio Frequen 	DOY=132 Peak 15:26 15:25:1: ncy(MHz)/I	# = 7110 /11,15:26 DOY=132 Start Peak End times al 15:13 15:26 15:28 15:24:24 15:25:13 15:27:27 15:23 Frequency(MHz)/Flux(sfu): 	SMM Pointing: HaClass=SB Importance=C4 PeakC/s=570 Wavelength=3090A Wavelength=3090A Wavelength=3090A PeakC/s=97 R800/87 15400/55	\$86E02 N09E24 Qual=04 Qual=01 DA Code=00 55 Associated Associated Qual=01	AR4481 Tot Cts=17265 Exp #=17191 Event # = 7109 Tot Cts=786	Pitch=+945", Yaw: Mac.=FKI MaxkeV=88 Rast=240"x60"	,Yaw=+2",Roll=Odeg Carr.Lon.=142deg Flags=FS 0" Step=3" Pitch=+892"	H.Ang=83deg H.Ang=27deg ", Yaw=+3"
Event # = 7111 84/05/11,20:41 Start Optical GOES 20:31 HXRBS 20:34 FCS 20:34 FCS Adio Frequenc	D0Y=13 Peak 20:41 20:35:20:35:00:37 20:37 7 20:50:	End times 21:00 20:45:03 21:01 Flux(sfu):	SMM Pointing: HaClass=1N Importance=C7 PeakC/s=503 CaPeakC/s=771 Peak3C/s=771 2695/15 4995/25 A995/25 PeakC/s=411	NO5E11 NO5E09 Qual=01 Qual=01 Tot Ct Qual= 1 FePeak 8800/31 15400/30 issociated Event Qual=01 Tot Ct	NO5E11 NO5E09 AR4481 Qual=01 Tot Cts=52958 Qual= 1 FePeak=20:38 8800/31 15400/30 Associated Event # = 7112 Qual=01 Tot Cts=7030	Pitch=-132", Yaw Mac.=FKI MaxkeV=67 FePeak.c/s=85 Rast=300"x300" MaxkeV=67	,Yaw=+181",Roll=Odeg Carr.Lon.=154deg 85 #Peaks=2 00" Step=10" Cad= 922s	H.Ang=14deg H.Ang=12deg XEN=413210 1.024s/pixe1

		84/05/12	D0Y=133		
Event # = 7113 84/05/12,00:05 D0Y=133	SMM Pointing:	N05E09	l	Pitch=-132", Yaw=+148", Roll=Odeg	H.Ang=12deg
31 00:02 00:05 00:0	Λ	NO7E15	AR4481	Mac.=FKI Carr.Lon.=146deg	H.Ang=18deg
HXRBS 00:04:31 00:04:53 00:05:13 Radio Frequency(MHz)/Flux(sfu):	## 12 Feakc/s=119 8800/33 15400/9		: Cts=4419	Maxkev=48	
Event # = 7114 84/05/12,03:16 DOY=133 Start Peak End times	SMM Pointing:	N05E08		Pitch=-132", Yaw=+125", Roll=Odeg	H.Ang=11deg
03:16 03:20		NO7E14 Oual=03	AR4481	Mac.=FKI Carr.Lon.=146deg	H.Ang=17deg
HXRBS 03:16:35 03:16:51 03:17:02 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	Peakc/s=72 III/1 8800/21	Qua]=01		MaxkeV=48	
33 Frd +ime	SMM Pointing:	N05E07		Pitch=-133", Yaw=+111", Roll=Odeg	H.Ang=10deg
GOES 04:13 04:15 04:17 HXRBS 04:14:25 04:14:47 04:15:04	Importance=B7 Peakc/s=74	Qual=01 Qual=01		MaxkeV=48	
Event # = 7116 84/05/12,04:46 DOY=133 Start Doat End times	SMM Pointing:	N05E07		Pitch=-133", Yaw=+111", Roll=Odeg	H.Ang=10deg
GOES 04:43 04:46 04:48 HXRBS 04:44:20 04:44:38 04:44:53 I Radio Frequency(MHz)/Flux(sfu):	Importance=B7 Peakc/s=72 8800/22	Qua1=01 Qua1=01		MaxkeV=48	
Event # = 7119 84/05/12,05:38 DOY=133 Start Deak End times	SMM Pointing:	N05E06		Pitch=-132", Yaw≖+96", Roll=Odeg	H.Ang=10deg
05:38 05:53	품를	NO2W02 Oual=05	AR4481	Mac.=FKI Carr.Lon.=160deg	H.Ang=5deg
HXRBS 05:49:17 05:49:44 05:50:06 BCS 05:39 05:39 05:58 FCS	Peakc/s=79 CaPeak.c/s=575 Deak3	Qual=01 Qual= 5 FeP	FePeak=05:39	MaxkeV=48 FePeak.c/s=110 #Peaks=1	XEN=413300
,	2695/140 4995/	/230 8800/120 15400/42 Associated Event # ==	400/42	Step=10"	
05:40:36 05:41:04 05:41	eakc/s=69	Qual=01		1	; ; ; ;
HXRBS 05:42:14 05:42:22 05:43:00	akc/s=71	Qual=01	ı	MaxkeV=48	1 1 1 1 1 1
Event # = 7120 84/05/12,09:10 DOY=133 Start Peak End times	SMM Pointing:	N05E04		Pitch=-132", Yaw=+64", Roll=Odeg	H.Ang=9deg
09:10 09:15	Ha	N04W01	AR4481	Mac.=FKI Carr.Lon.=157deg	H.Ang=7deg
HXRBS 09:00:49 09:01:27 09:02:28 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=96 2695/38 4995/12			MaxkeV=48	

H.Ang=8deg	H.Ang=8deg	, үаw=+49"	H.Ang=50deg	H.Ang=9deg	, Yaw=-685"		H.Ang=8deg	n/_+=	H.Ang=9deg	H.Ang=11deg	+27"			H.Ang=9deg	H.Ang=11deg	XEN=413400 1.024s/pixel	V=+1.5"	H.Ang=10deg	H.Ang=12deg	XEN=413401 3840s/pixe1 ', Yaw=-18"
H.An	H.An	.234", Yaw	H.An	H.An	-317", Yaw		H.An	Pitch=-232",Yaw=+7"	H.A	H.A	-97", Yaw=+27			H.A		XEN 122s 1.0	-112", Ya	H.A		Ξ.
-Odeg	.=157deg	Pitch=-234"	, Roll=Odeg	.=152deg	Pitch=-317"	·	, Roll=Odeg	Pitch=	1=0deg	Carr.Lon.=158deg	Pitch=-97"	Pitch=-247		, Roll=Odeg	Carr.Lon.=157deg	(Cad= 922s	l	, Roll=Odeg	Carr.Lon.=147deg	_
-+9", Roll=0deg	Carr.Lon.=157deg	Step=0"	, Yaw=-689", Ro	Carr.Lon.=152deg	Step=10"		, Yaw=-52", Rol	Step=0"	, Yaw=-63", Roll=Odeg	Carr.Lon	Step=0"	 Step=0"		/=-78", Ro	Carr. Lor	#Peaks=1 Step=10"		, Yaw=-106", R	Carr.Lo	#Peaks=1 Step=0" Step=0"
Pitch=-132", Yaw=+9"	Mac.=FKI	MaxkeV=48 Rast=30"x30"	Pitch=-245", Yaw	Mac.=FKI	% X	MaxkeV≖48	Pitch=-130", Yaw	MaxkeV=48 Rast=30"x30"	Pitch=-130", Yaw	Mac.=FKI	MaxkeV=48 Rast=30"x30"	MaxkeV=48 Rast=30"x30"		Pitch=-131", Yaw=-78"	Mac.=FKI	MaxkeV=67 FePeak.c/s=9 Rast=300"x300"	Rast=30"x30"	Pitch=-132",Ya	Mac.=FKI	FePeak.c/s=8 Rast=0"x0" Rast=30"x30"
	AR4481	Exp #=17207		AR4481	Exp #=17208	Event # = /122		Exp #=17232		AR4481	Tot Cts=10875 Exp #=17236	Event # = 7125 Exp #=17234	3 D0Y=134		AR4481	Tot Cts=3695 FePeak=00:42	Exp #=17244		AR4481	FePeak=04:08
N05E01	NO4WO4	Qual=01 Qual=01 Code=02	N13W48	N06W00		Associated Qual=01	NO5W03	Qua]=00 Qua]=01	N05W04	N04W09	Qual=01 Qual=01 Code=00	Associated Qual=01 4A	84/05/1	N05W05	N04W09	Qual=01 Qual=01 Qual= 1	\ Code=00	N05W06	N09W01	Qual=01 Qual= 1
SMM Pointing:	HaClass=SF	Importance=B9 Peakc/s=74 Wavelength=1524A	SMM Pointing:	HaClass=SN	24	Peakc/s=68	SMM Pointing:	Peakc/s=66 Wavelength=1524A	SMM Pointing:	HaClass=SF	Importance=C2 Peakc/s=129 Wavelength=1524A	80 c / s = 61 ength=1524		SMM Pointing:	HaClass=SB	Importance=Cl Peakc/s=163 CaPeak.c/s=20 Deak3 c/s=32	Wavelength=1524A	SMM Pointing:	Ha	Importance=Cl (CaPeak.c/s=26 (Peak3.c/s=13
	imes	15:51 15:38:41		mes	16:59 16:56:47	16:55:52		End times 22:06:29		End times					End times	00:49 00:41:31 00:44			End times	04:12 04:10
DOY=133	Peak	15:46 15:38:09	DOY=133	,	16:56 16:56:27	16:55:19	D0Y=133	Peak 22:06:07		Peak	23:02 23:20 23:35 23:04:39 23:05:48 23:13:4 23:07	cy(MHz)/F 23:01:40		D0Y=134	Peak	00:43 00:40:40 00:42	64:00	-	Peak	04:09 04:08 04:08
vent # = 7121 4/05/12 15:46		15:35 15:38:00 15:46	Event # = 7123	Start	16:53 16:55:53 16:34	16:55:04	Event # = 7124 84/05/12,22:06	Start 22:06:00 22:03	Event # = 7126 84/05/12 23:20	Start	23:02 23:04:39 23:07	Frequent 23:01:35 22:51		# = 7127	Start	00:39 00:39:49 00:41	00:42	Event $\# = 20583$	Start	03:56
Event #	' '	GOES HXRBS UVSP	Event	Ontical	GOES HXRBS	HXRBS	Event 84/05/	GOES HXRBS UVSP	Event 84/05/	Ontica	GOES HXRBS UVSP	Radio HXRBS UVSP		Event #	Optica	GOES HXRBS BCS BCS	UVSP	Event 84/05/	Ontica	200 200 200 200 200 200 200 200 200 200

vent # = 7128 84/05/13,10:18	D0Y=134		SMM Pointing:	NO5W10		Pitch=-130", Yaw=-164", Roll=Odeg	/=-164", Roll	=0deg	H.Ang=13deg
Start GOES 10:13 HXRBS 10:12:57 Radio Frequen	Peak 10:18 '10:13:3(Start Peak End times 10:13 10:18 10:29 10:12:57 10:13:30 10:14:13 Frequency(MHz)/Flux(sfu):	Importance=C1 Peakc/s=98 4995/22 8800/40	Qual=01 Qual=01		MaxkeV=48			
= 71 ,11: tart 1:41	D0Y= Peak 11:4	End 11:5	SMM Pointing: HaClass=SF Importance=R8	NO5W11 NO4W10 Oual=01	AR4481	Pitch=-129", Yaw=-178" Mac.=FKI Carr.	178", Roll=Odeg Carr.Lon.=152deg	,Roll=Odeg Lon.=152deg	H.Ang=13deg H.Ang=12deg
- T	11:43:	4 11:43:30	Peakc/s=93	Qual=01		MaxkeV=48			
//U5/13,14:3/ Start tical	D07=134 Peak	End times	SMM Pointing:	NO5W12	0 8 0 4	29"	, Yaw=-201", Roll=0deg	=0deg	H.Ang=15deg
	14:37 14:43:07	14:44 7 14:43:49	Importance=C1 Peakc/s=79 Wavelength=1524A	0ual=05 Qual=05 Qual=01 A Code=00	Ak4461 Tot Cts=333 Exp #=17298	mac.=FK1 MaxkeV=48 Rast=30"x30"	<pre>Carr.Lon.=14/deg Step=0" Pitch=</pre>	14/deg H.Ang=13d Pitch=-246",Yaw=-144	H.Ang*13deg ,Yaw=-144"
vent # = 20584 4/05/13,15:04 Start	DOY=134	Fnd times	SMM Pointing:	N05W13		Pitch=-129", Yaw	, Yaw=-211", Roll=0deg	=0deg	H.Ang=15deg
ંતુ		8	HaClass=SF	NO8W07	AR4481	Mac.=FKI	Carr.Lon.=147deg	147deg	H.Ang≕13deg
BCS 14:56 FCS UVSP 14:51	15:02 15:03	15:08	Tupon cunce-cr CaPeak.c/s=34 Peak3c/s=57 Wavelength=1524A		FePeak=15:02 Exp #=17300	FePeak.c/s=11 Rast=300"x300" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 922s Pitch=-141"	XEN=413402 1.024s/pixel ', Yaw=-101"
200	DOY=134 Peak	End times	SMM Pointing:	N05W14		Pitch=-127", Yaw	, Yaw=-234", Roll=0deg	=0deg	H.Ang=16deg
cal 17:46	17:55	18:02	HaClass=SF Importance=Cl	NO5W17 Oual=01	AR4481	Mac.=FKI	Carr.Lon.=155deg		H.Ang=19deg
HXRBS 17:55:38 BCS 17:49 FCS	17:55:53 17:55 17:55	17:57:05 18:05	Peakc/s=89 CaPeak.c/s=40	Qual=01 Qual= 1	Tot Cts=777 FePeak=17:55	MaxkeV=48 FePeak.c/s=10		dt= 7.7s	XEN=413403
UVSP 17:45 	17:4	17:49:40	母	A Code=00 Associated Qual=01	Exp #=17307 Event # = 7131 Tot Cts=948	Rast=300 x300" Rast=30"x30" MaxkeV=48	Step=10" (Step=0" F	cad= 922s 1 Pitch=-154", 	1.024s/p1xel ",Yaw=-126"
Event # = 7133 84/05/13,18:34 Start	DOY=134	Fnd times	SMM Pointing:	N05W14		Pitch=-127", Yaw	, Yaw=-234", Roll=Odeg		H.Ang=16deg
GOES 18:31 HXRBS 18:32:48 UVSP 18:31	18:34 18:33:42	18:37 18:37 18:35:27	Importance=B9 Peakc/s=79 Wavelength=1524A	Qual=03 Qual=01 Code=00	Tot Cts=695 Exp #=17313	MaxkeV=48 Rast=30"x30"	Step=0" F	Pitch=-229",	, Yaw=-178"
vent # = 7134 4/05/13,21:15 Start	D0Y=134 Peak		SMM Pointing:	N05W16		Pitch=-127", Yaw=-263", Roll=Odeg	263", Roll=		H.Ang≕18deg
GOES 21:13 HXRBS 21:14:18 UVSP 21:10	21:15 21:14:44	21:18 21:15:11	Importance=B7 Peakc/s=75 Wavelength=1524A	Qual=01 Qual=01 Code=00	Tot Cts=269 Exp #=17325	MaxkeV=48 Rast=30"x30"	Step=0" F	Pitch=-139",Yaw=-157"	, Үам=-157"

				84/05/14	D0Y=135				
Event # = 7135 84/05/14,15:45	D0Y=135	:	SMM Pointing:	S03W00		Pitch=+0", Yaw=-]	, Yaw=-1", Roll=Odeg	-	H.Ang=Odeg
Start GOES HXRBS 15:45:13 UVSP 15:46		End times 15:46:29	Peakc/s=60 Wavelength=1524A	Qual=00 Qual=01	Exp #=17362	MaxkeV=48 Rast=285"x285"	Step=15" Pito	Pitch=-320",Yaw=+99"	, Үам=+99"
Event # = 7137 84/05/14,18:17	D0Y=135		SMM Pointing:	NO5W28		Pitch=-122",Yaw	, Yaw=-440", Roll=Odeg		H.Ang=29deg
<u>-</u> د	*	End times	HaClass=1B	N04W32	AR4481	Mac.=FKI	Carr.Lon.=157deg		H.Ang=33deg
GDES 17:57 HXRBS 18:13:00 BCS 18:01	18:17 18:13:22 18:16	18:35 : 18:15:46 18:17	Importance=C3 Peakc/s=73 CaPeak.c/s=116	Qual=03 Qual=01 Qual= 2	Tot Cts=7709 FePeak=18:16	MaxkeV=48 FePeak.c/s=22	#Peaks=3 dt=	3.8s	XEN=413504
	18:03		Peak3c/s=28 Wavelength=152	Code=01	쯌	Rast=250"x250"	Step=10" Pit	Pitch=-179"	, Yaw=-452"
HXRBS 18:09:28	18:10:12	18:11:19	/s=67	Qual=01	Tot Cts=609	MaxkeV=48			
vent # = 20585 $4/05/14.20:59$	D0Y=135	1	SMM Pointing:	N05W29		Pitch=-122",Yaw	, Yaw=-461", Roll=Odeg		H.Ang=30deg
-	Peak	mes	HaClass=SF	N06W21	AR4481	Mac.=FKI	Carr.Lon.=145deg		H.Ang=23deg
GOES 20:51 BCS 20:53 FCS 20:46 UVSP 20:46	20:59 20:57 20:54	21:06 21:01	Importance=B8 CaPeak.c/s=25 Peak3c/s=22 Wavelength=1524A	Qual=01 Qual= 1 Code=00	FePeak=21:01 Exp #=17382	FePeak.c/s=11 Rast=180"x180" Rast=30"x30"	#Peaks=1 Step=10" Cad Step=0" Pit	X Cad= 332s	XEN=413500 1.024s/pixel ', Yaw=-386"
Event # = 7138 84/05/14.22:22	8		SMM Pointing:	N05W30		Pitch=-121", Yaw	, Yaw=-475", Roll=0deg	leg	H.Ang=31deg
Start tical	Peak	-		NO5W31	AR4481	Mac.=FKI	Carr.Lon.=154deg	tdeg	H.Ang≃32deg
GÖES 22:12 HXRBS 22:14:17 BCS 22:15 FCS 22:21	22:22 22:15:3 22:21 22:29	22:29 3 22:23:05 22:39	Importance=C3 Peakc/s=121 CaPeak.c/s=184 Peak3c/s=568 Wavelength=1524A	Qual=01 Qual=01 Qual= 1 A Code=00	Tot Cts=9510 FePeak=22:21 Exp #=17390	MaxkeV=67 FePeak.c/s=38 Rast=300"x300" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	dt= 3.8s) Cad= 922s Pitch=-147"	XEN=413503 1.024s/pixe1 ",Yaw=-399"
				84/05/15	5 DOY=136				
Event # = 20580 84/05/15,00:07	6 D0Y=136		SMM Pointing:	N05W31		Pitch=-121", Yaw=-487", Roll=Odeg	w=-487",Roll=0d	deg	H.Ang=32deg
Start GOES 00:03 BCS 00:05 UVSP 23:55	00:07 00:08	OO:13	Importance=C1 CaPeak.c/s=25 Wavelength=1524A	Qual=01 Qual= 1 A Code=00	FePeak=00:08 Exp #=17398	FePeak.c/s=8 Rast=30"x30"	#Peaks=1 dt= Step=0" Pit	dt= 7.7s) Pitch=-102"	XEN=413600 ', Yaw=-411"
Event # = 2058 84/05/15,04:58	7 D0Y=136	-	SMM Pointing:	N05W34		Pitch=-120", Yaw	, Yaw=-529", Roll=0deg	бәр	H.Ang=35deg
Start Optical GOES 04:48 BCS 04:55		End times 05:13 05:00	HaClass=2N Importance=C4 CaPeak.c/s=141	NO4W37 Qual=01 Qual= 1	AR4481 FePeak=04:57	Mac.=FKI FePeak.c/s=32	Carr.Lon.=156deg #Peaks=1 dt= 3.	6deg = 3.8s	H.Ang=38deg XEN=413602

		ı				1			i	İ			ı		1		ī	ı		
H.Ang=37deg			H.Ang=Odeg	H.Ang=45deg	XEN=413700 3840s/pixel 6", Yaw=-677"	H.Ang=51deg	H.Ang≕52deg	", Yaw=-732"		H.Ang≈62deg	000C1P-M3X		H.Ang=66deg		H.Ang=66deg	γ = 1.42 - 1.42 - 1.43 - 1.43		H.Ang=66deg	H.Ang≖60deg	, Yaw≖-861"
to11=0deg			4deg	Carr.Lon.=153deg	Cad=3840s Pitch=-17	, Roll=Odeg	Carr.Lon.=154deg	" Pitch=-181",Yaw=-732		oll=0deg		Cad=1806s Pitch=-174	, Roll=Odeg		1]=0deq	Pitch=_171"]=0deg	Carr. Lon.=147deg	Pitch=-171", Yaw=-861"
,Yaw=-561",Roll=Odeg			, Yaw=+0", Roll=4deg	Carr.Lo	#Peaks=1 Step=0" Step=15"	w=-735", R	Carr.Lo	Step=10"		v=-829", R	# 	Step=10" Step=3"	860", Ro	Flags=I	, Yaw=-860", Roll=0deq	Flags=I Sten=10"	Flags=I	, Yaw=-860", Roll=0deg	Carr. Lor	Step=10"
Pitch=-118", Ya	MaxkeV=48		Pitch=-1",Yaw≖	Mac.=FKI	FePeak.c/s=8 Rast=0"x0" Rast=285"x285"	Pitch=-109", Yaw=-735",	Mac.≖FKI	MaxkeV=48 Rast=250"x250"		Pitch=-102", Yaw=-829", Roll=0deg	Febeak, c/s#8	Rast=420"x420" Rast=240"x240"	Pitch=-99", Yaw=-860",	MaxkeV=67	Pitch=-99", Yaw=	MaxkeV=67 Rast=250"x250"	MaxkeV=67	Pitch=-99", Yaw=	Mac.≖FK0	MaxkeV=67 Rast=250"x250"
	Tot Cts=401	6 00Y=137		AR4481	FePeak=00:49 Exp #=17458		AR4481	Tot Cts=468 Exp #=17498	7 DOV=138		FePeak=05:50			Tot Cts=687		Tot Exp	Even		AR4481	Tot Cts=6814 Exp #=17506
N05W36	Qua]=01 Qua]=01	84/05/16	S02W00	N04W45	Qual= 5	N05W51	N03W52	Qual=01 Code=00	84/05/1	19MSON	Qual=01 Qual= 1	Code=01	NO5W65	Qual=00 Qual=01	NO5W65	Qual=02 Qual=01	Associated Qual=01	N05W65	NO5W60	Qual=01 Code=00
SMM Pointing:	Importance=86 Peakc/s=65		SMM Pointing:	HaClass=SN	Capeak.c/s=28 Peak3c/s=25 Wavelength=1524A	SMM Pointing:	HaClass=SB	Peakc/s=67 Wavelength=1524A		SMM Pointing:	Importance=Cl CaPeak.c/s=26	Peak3c/s=126 Wavelength=3091A (8800/50	SMM Pointing:	Peakc/s=95	SMM Pointing:	Importance=C2 Peakc/s=113 Wavelength=1524A	Peakc/s=69	SMM Pointing:	HaClass=SN	Peakc/s=203 Wavelength=1524A
Fnd times	09:36 09:35:4		Fnd times	ָר רַבְּ	00:54	Fnd times	2:14	12:10:34			06:03 05:55	[ŋ]	Fnd +imes	ന		14:10 13:43:30	13:56:06	1	nd times 4:50	14:46:18
DOY=136 Peak	09:34 09:33:40		DOY=137	00:44	00:49	DOY=137 Peak	12:10	12:10:05		DOY=138	05:58 05:51	05:51 cy(MHz)/Fl	D0Y=138		DOY=138	13:53 13:43:25	13:54:10	D0Y=138		14:41:17
Event # = 7140 84/05/15,09:34 Start	09:32 09:33:14	# - 20E99	5/16,00:44 Start	a] 00:32	00:49	# = 7141 /16,12:10 Start	′ -	12:09:17 11:51		Event # = 20589 84/05/17,05:58	05:48 05:50	05:51 05:10 Frequency(MHz)/	. # = 8314 /17,13:35 Start	13:34:56	# = 8315 '17,13:53	3.42 13:42 13:42:10 14:38	13:52:37	5/17,14:46 c+art		14:40:58 14:38
Event 84/05/	GOES HXRBS	100	84/05/		BCS FCS UVSP	Event 84/05/	Optica GOES	HXRBS UVSP		Event 84/05/	GOES BCS	FCS UVSP Radio	Event 84/05/	GOES HXRBS	Event 84/05/	GOES HXRBS UVSP	HXRBS	Event 84/05/	Optica 60ES	HXRBS

Event # = 7	7144	;			MOFUEE		D:+ch=_00" Yaw=_860"	.860" Roll=Odea	Odea	H.Ang=66deg
84/05/17,15:3	5:32 rt	DOY≖138 Peak	End times	SMM Pointing:	COMCON	1	יותה		6000	ח אייים ביייים מיייים
` _ '	. (HaClass=SN	NO5W60	AR4481	Mac.=FK0	Carr.Lon.=14/deg	14/deg	H. Ang=ooueg
GOES 15:26 HXRBS 15:28 UVSP 14:38	:15	15:32 15:29:48	15:30:24	Importance=c2 Peakc/s=78 Wavelength=1524A	Qual=01 Qual=01 Code=00	Exp #=17506	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=-171"	, Yaw=-861"
Event # = / 84/05/17,16	1	D0Y=138		SMM Pointing:	N05W67		Pitch=-98", Yaw=-870"	-870", Roll=0deg	0deg	H.Ang=67deg
Start GOES 16:53 HXRBS 16:56:55 UVSP 16:12		Peak 16:56 16:57:04	End times 16:58 16:57:09	Importance=C1 Peakc/s=68 Wavelength=1524A	Qual=01 Qual=01 Code=00	Exp #=17507	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=-170"	', Yaw=-867"
Event # = 7146 84/05/17.17:49	1	D0Y=138		SMM Pointing:	S15E89		Pitch=+244",Yaw	, Yaw=+918", Roll	, Roll=Odeg	H.Ang=88deg
Sta Optical		Peak	d times	HaClass=SF	\$12E87	AR4492	Mac.=EAO	Carr.Lon.=359deg	:359deg	H.Ang=87deg
GÓES 17:4 HXRBS 17:4 UVSP 17:4	:46 :49:52 :46	17:49 17:50:11	17:51 17:50:53	Importance=Cl Peakc/s=99 Wavelength=1526A	Qual=01 Qual=01 Code=00	Exp #=17508	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+173"	', Yaw=+920"
Event # = 7147 84/05/17.18:20	7147 8:20	D0Y=138		SMM Pointing:	S15E89		Pitch=+244", Yaw	, Yaw=+918", Roll	,Roll=Odeg	H.Ang=88deg
Optical Optical	ırt	Peak	End times	HaClass=SF Code=EPL	S12E88 S16W90	AR4492	Mac.=EAO	Carr.Lon.=357deg Carr.Lon.=175deg	-357deg -175deg	H.Ang=88deg H.Ang=89deg
GOES 18:17 HXRBS 18:17:40	17 19:43 46	18:20 18:20:33	18:23 18:21:03	Importance=C2 Peakc/s=147 Wavelength=1526A	Qual=01 Qual=01 Code=00	Tot Cts=1863 Exp #=17508	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+173"	", Yaw=+920"
Event # = 84/05/17,1	[DOY=138		SMM Pointing:	S15E89		Pitch=+244", Yaw	, Yaw=+918", Rol	, Roll=Odeg	H.Ang≖88deg
Sta GOES 18: HXRBS 18: UVSP 17: HXRBS 18:	start 18:23 18:24:25 17:46 	Peak 18:26 18:24:4 1 18:26:3	End times 18:30 5 18:25:22 5 18:26:59	Importance=C2 Peakc/s=106 Wavelength=1526	Qual=01 Qual=01 Code=00 Sociated Qual=01	Tot Cts=839 Exp #=17508 Event # = 7149	MaxkeV=48 Rast=250"x250" 	Step=10"	Pitch=+173"	", Yaw=+920"
Event # = 84/05/17,1	7150 18:40	D0Y=138		SMM Pointing:	S15E89		Pitch=+244", Yaw	, Yaw=+918", Rol	, Roll=Odeg	H.Ang=88deg
Sta GOES 18: HXRBS 18: UVSP 17: Radio Fr	art :35 :36:52 :46 requen	Peak 18:40 18:37:4: cy(MHz)/[Start Peak End Climes 18:35 18:40 18:49 3S 18:36:52 18:37:47 18:39:11 p 17:46 io Frequency(MHz)/Flux(sfu):	Importance=C3 Peakc/s=207 Wavelength=1526/ 4995/11 8800/22	Qual=03 Qual=01 Code=00 15400/13	Tot Cts=8134 Exp #=17508	MaxkeV=67 Rast=250"x250"	Step=10"	Pitch=+173"	", Yaw=+920"
Event # = 84/05/17,2	7151 21:18		4	SMM Pointing:	S15E89		Pitch=+244", Yaw=+918"	4=+918", Rol	, Roll=Odeg	H.Ang=88deg
GOES 21: HXRBS 21: UVSP 17: Radio Fr	Start 21:15 S 21:16:43 17:46 o Frequend	Peak 21:18 21:17:02 cy (MHz)/F	21:22 21:21 21:21:25 1ux(sfu):	Importance=C1 Qual=01 Peakc/s=1074 Qual=01 Tot (Wavelength=1526A Code=00 Exp # 606/18 1415/15 2695/15 4995/37	Qual=01 Qual=01 Code=00 695/15 49	ts=1417 =17508 8800/67	9 MaxkeV=129 Rast=250"x250" 15400/89	Flags=FS Step=10"	Pitch=+173	Pitch=+173",Yaw=+920"

AR4492 Mac.=EAO Carr.Lon.=351deg FePeak=02:02 FePeak.c/s=32 #Peaks=1 dt= 3.8s Exp #=17510 Rast=250"x250" Step=10" Pitch=-116" Pitch=-48", Yaw=-912", Roll=Odeg AR4481 Mac.=EKO Carr.Lon.=152deg FePeak.c/s=6 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=3840s Exp #=17515 Rast=285"x285" Step=15" Pitch=-108" Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Pitch=-48", Yaw=-912", Roll=Odeg Rast=30"x30" Step=0" Pitch=-130", Rast=0"x0" Step=0" Cad=3840s Rast=0"x0" Step=0" Cad=3840s Rast=0"x0" Step=0" Pitch=-129", Xpitch=-129", X					84/02/18	.8 D0Y=139				
1.54.1 Peak	vent # 4/05/18	00	(₩S	N02W74		Pitch=-48", Yaw	912", Roll	=0deg	H.Ang=74deg
Color Colo	Ŕ	ξ 8	a times		S11E90	AR4492	Mac.=EA0	Carr.Lon.	.=351deg	H. Ang=90deg
# 8318		88	.05	importance=mi CaPeak.c/s=65 Wavelength=1524A		FePeak=02:02 Exp #=17510	FePeak.c/s=32 Rast=250"x250"	#Peaks=1 Step=10"		XEN=413900 ", Yaw=+945"
Handridge Hand	vent # 4/05/1	DOY=1	Fnd +	!	N02W74		Pitch=-48", Yaw=	912", Roll	=0deg	H. Ang=74deg
04:02:17 04:02:13 04:04 page: current control of current curren	8		_	HaClass=SF	N06W72	AR4481	Mac.=EKO	Carr.Lon.	.=152deg	H.Ang=72deg
Peak 3 C September Peak 3 C Se		17 04:02: 04:04	31 04:04:1	Peakc/s=96 CaPeak.c/s=19	Qual=01 Qual=01 Qual= 1	Tot Cts=6810 FePeak=04:04	MaxkeV=48 FePeak.c/s=6	Flags=I #Peaks=1	dt= 7.7s	XEN=413901
Fig. 1838 Big. 05:33 Doy=139 SMM Pointing: NO2W74 AR4481 Pitch=-48", Yaw=-912", Roll=odeg	40			reaksc/s=z/ Wavelength=1524A		Exp #=17515	Rast=0"x0" Rast=285"x285"	Step=0" Step=15"	Cad=3840s Pitch=-108	3840s/pixel ",Yaw=-917"
HaClass=SN NO6W74 AR4481 Mac.=EK0 Carr.Lon.=153deg D5:32	ven 4/0	00Y=13	9 Fnd + ime	1	N02W74		Pitch=-48", Yaw=	912", Roll	=0deg	H. Ang=74deg
05:34:24 05:34:10 05:34:44 PeakC/s=632 Qual=01 Tot Cts=5778 MaxkeV=172 Flags=I dt=3.8s PeaksC/s=632 Qual=01 FePeak=05:35 FePeak.c/s=18 #Peaks=1 dt=3.8s Rast=180"x180" Step=10" Cad=332s Rast=180"x180" Step=10" Pitch=-130 PeaksC/s=21 Qual=01 Tot Cts=1586 MaxkeV-48 Peaks=1 Cad=1.02s Rast=0.7:07 07:09 DeaksC/s=21 Qual=1 FePeak=07:06 CapeakC/s=21 Qual=1 FePeak=07:06 CapeakC/s=21 PeaksC/s=21 Qual=1 FePeak=07:06 D7:07 07:09 DeaksC/s=21 Qual=1 FePeak=07:06 D7:07 07:09 DeaksC/s=21 PeaksC/s=21 Rast=0.7:09 Rast=0.7:09 DeaksC/s=221 Rast=0.7:09 DeaksC/s=221 DeaksC/s=22 Qual=01 FePeak=08:31 PeaksC/s=220 Qual=01 FePeak=08:31 PeaksC/s=220 Qual=01 FePeak=08:31 PeaksC/s=220 Qual=01 FePeak=08:31 Rast=0.7:09 Step=0" Pitch=-129" Step=0" Pitch=-129" PeaksC/s=220 Qual=01 FePeak=08:31 Rast=0.7:09 Step=0" Pitch=-129" PeaksC/s=220 Qual=01 FePeak=08:31 Rast=0.7:09 Step=0" Pitch=-129" Rast=0.7:09 Step=0" Pitch=-129" PeaksC/s=220 Qual=01 FePeak=08:31 Rast=0.7:09 Step=0" Pitch=-129" PeaksC/s=220 Qual=01 FePeak=08:31 Rast=0.7:09 Step=0" Pitch=-129" PeaksC/s=220 Qual=01 FePeak=08:31 Rast=0.7:09 Step=0" Pitch=-129" PeaksC/s=220 Qual=01 FePeak=08:31 Rast=0.7:09 Step=0" Pitch=-129" P	ptical OFS 05:3	5	7.38	HaClass=SN	NO6W74	AR4481	Mac.=EKO	Carr.Lon.	=153deg	H.Ang=74deg
05:19		24 05:34: 05:35	31 05:34:4 05:39	mpol cance-cz Peakc/s=632 CaPeak.c/s=95	Qual=01 Qual= 1	Tot Cts=5778 FePeak=05:35	MaxkeV=172 FePeak.c/s=18	Flags=I #Peaks=1	dt= 3.8s	XEN=413904
## 7152 ## 7152 ## 7152 ## 7152 ## 8,07:07 ## 1009		UD: 35 19 Iquency (MHz),		Feak3c/s=3/3 Wavelength=1524A 606/37 4995/7 88(Code=00 30/33 154	Exp #=17520 00/62	Rast=180"x180" Rast=30"x30"	Step=10" Step=0"	Cad= 332s Pitch=-130	1.024s/pixel ',Yaw=-865"
Total Tota	vent # = 7 4/05/18,07	D0Y=13	6		N02W74		Pitch=-48", Yaw=	912", Roll	=0deg	H.Ang=74deg
06:53	OES 07:0 XRBS 07:0 CS 07:0	07:07 07:06: 07:07:06	07:09 07:09 1 07:07:13 07:09	Importance=C2 Peakc/s=124 CaPeak.c/s=83	Qual=01 Qual=01 Qual= 1	Tot Cts=1586 FePeak=07:06	MaxkeV=48 FePeak.c/s=24	#Peaks=1		XEN=413906
# = 7153 18,08:45 DOY=139 SMM Pointing: NO2W74 Pitch=-48",Yaw=-912",Roll=Odeg Start Peak End times Code=ASR S10E90 AR4492 Mac.=EAO Carr.Lon.=347deg 07:50 08:45 09:15 Importance=C6 Qual=03 MaxkeV=48	90	æ		Peak3c/s=251 Wavelength=1524A	Code=01	Exp #=17528	Rast=0"x0" Rast=30"x30"	Step=0" Step=0"	Ō	1.024s/pixel ', Yaw=-869"
Code=ASR S10E90 AR4492 Mac.=EA0 Carr.Lon.=347deg 07:50 08:45 09:15 Importance=C6 Qual=03 MaxkeV=48	vent # = 7 4/05/18,08 Star	D0Y=13 Peak	Fnd		NO2W74		Pitch=-48", Yaw=	-912", Roll	=0deg	H. Ang=74deg
08:31:19 08:31:27 08:31:55 Peak.c.s=72 Qual=01 Maxkev=48 08:31 08:32 08:33 CaPeak.c/s=22 Qual=1 FePeak=08:31 FePeak.c/s=9 #Peaks=1 08:33 Peak3c/s=220 08:44 Mavelength=1524A Code=00 Exp #=17536 Rast=30"x30" Step=0" Pitch=-129"	ptical OES 07:5	_	09:15		\$10E90	AR4492	Mac.=EA0	Carr. Lon.	=347deg	H.Ang=90deg
08:44	88	1:19 08:31: 1 08:32 08:32	7 08:31:55 08:33		Qual=01	FePeak=08:31	MaxkeV=48 FePeak.c/s=9	#Peaks=1		XEN=413907
	88	3		⋖		Exp #=17536	Rast=30"x30"	Step=0"	rad=3840s Pitch=-129"	3840s/plxel, Yaw=-873"

g:	,		Ď;	[e]	Σ.	<u>G</u>	روا دوا	b _e	b a	- xel	b a	6d	_	6 0	kel " = 1
H.Ang=77deg	XEN=413908 1.024s/pixel ', Yaw=-875"		H.Ang=77deg	XEN=413911 1.024s/pixel ",Yaw=-891"	H.Ang=77deg	H.Ang=79deg	XEN=413913 1.024s/pixe1 ', Yaw=-878"	H.Ang=77deg	H.Ang=79deg	XEN=413915 1.024s/pixe1 ',Yaw=-932"	H.Ang=77deg	H.Ang=77deg	, Yaw=-894	H.Ang=77deg	XEN=413916 3840s/pixe1 ",Yaw=-934"
	dt= 3.8s Cad= 922s Pitch=-144'		0deg	X Cad= 332s 1 Pitch=-129",	0deg	=357deg	X Cad= 922s	.0deg	357deg	x Cad= 332s 1 Pitch=-105",	-Odeg	=152deg	Pitch=-128"	=0deg	Cad=3840s Pitch=-105"
, Yaw=-923", Roll=Odeg	#Peaks=2 Step=10" Step=0"		-923", Roll=	#Peaks=1 Step=10" Step=0"	, Yaw=-923", Roll=0deg	Carr.Lon.=	Flags=1 #Peaks=2 Step=10" Step=0"	, Yaw=-923", Roll=Odeg	Carr.Lon.=357deg	Flags=I #Peaks=1 Step=10" Step=15"	, Yaw=-923", Roll=Odeg	Carr.Lon.=152deg	Flags=I Step=0"	923", Roll=Odeg	#Peaks=1 Step=0" Step=15"
Pitch=-42", Yaw=	MaxkeV=108 FePeak.c/s=47 Rast=300"x300" Rast=30"x30"	MaxkeV=48	Pitch=-42", Yaw=-923", Roll=Odeg	FePeak.c/s=11 Rast=180"x180" Rast=30"x30"	Pitch=-42", Yaw=	Mac.=EA0	MaxkeV=67 FePeak.c/s=8 Rast=300"x300" Rast=30"x30"	Pitch=-42",Yaw=	Mac.=EA0	MaxkeV=67 FePeak.c/s=12 Rast=180"x180" Rast=285"x285"	Pitch=-42", Yaw≔		MaxkeV=48 Rast=30"x30"	Pitch=-42",Yaw≖-	FePeak.c/s=9 Rast=0"x0" Rast=285"x285"
	Cts=27500 ak=09:37 #=17538 t # = 7155	•		FePeak=10:11 Exp #=17542		AR4492	Tot Cts=505 FePeak=11:17 Exp #=17546		AR4492	Tot Cts=2016 FePeak=11:51 Exp #=17551		AR4481	Tot Cts=9730 Exp #=17552		FePeak=12:38 Exp #=17553
NO2W76	Qual=01 Tot C Qual= 1 FePea Qual= 1 EPea A Code=00 Exp # 4995/35 8800/18 Associated Event	Qual=01	N02W76	Qual=01 Qual= 1 \ Code=00	N02W76	S09E79	Qual=01 Qual=01 Qual= 1 Code=00	N02W76	S09E79		N02W76	ZZM90N	Qual=02 Qual=01 A Code=01	N02W76	Qual=04 Qual= 5 A Code=02
SMM Pointing:	r.c/s=248 ak.c/s=209 3c/s=216 length=1524 /10 2695/5	Peakc/s=60	SMM Pointing:	Importance=C2 CaPeak.c/s=50 Peak3c/s=199 Wavelength=1524A	SMM Pointing:	HaClass=SF	Importance=C2 Peakc/s=96 CaPeak.c/s=19 Peak3c/s=63 Wavelength=1524A	SMM Pointing:	HaClass=SF	Importance=U1 Peakc/s=104 CaPeak.c/s=29 Peak3c/s=83 Wavelength=1524A	SMM Pointing:	HaClass=SN	Importance=C3 Peakc/s=64 Wavelength=1524A	SMM Pointing:	Importance=C4 (CaPeak.c/s=23 (Peak3c/s=23 Wavelength=1524A (
mes	00: (n):	09:45:40		Ω ≣		E S	11:22 11:16:53 11:21		nd times	11:53 11:52:11 11:53		힏	12:31 12:01:26	# + TO	₽ ≣
=139	09:37:05 09:37:05 09:44 cy (MHz)/F	09:44:44		10:13 10:12 10:12	D0Y=139	PeaK	11:17 11:16:50 11:17 11:17	D0Y=139	Peak	11:52 11:51:48 11:52 11:52	D0Y=139		12:13 - 11:59:53	1	Feak 12:38 12:39 12:39
# = 7154 /18,09:37 Start	09:32 09:33: 09:33 09:31 Frequ	<u> </u> 8	t # = 20594 $5/18, 10:13$	3tart 10:10 10:10	# = 8319 /18,11:17	~~	11:14 11:16:45 11:17 11:06	# = 8320 /18,11:52	ິ ຕັ	11:50 11:51:32 11:51 11:51	# = 8321 /18,12:13	Start	11:58 11:58:14 11:52	* ~~	32 12:32 12:38 12:40
Event 84/05/	GOES HXRBS BCS FCS UVSP Radio	HXRBS	Event 84/05/	GOES BCS FCS UVSP	Event 84/05,	Optica	GÓES HXRBS BCS FCS UVSP	Event 84/05,	<i>(</i>)	GOES HXRBS BCS FCS UVSP	Event 84/05	.0	GOES HXRBS UVSP	Event 84/05,	GOES BCS FCS UVSP

21:51,81/50/48	000									1
Start	DOY=139 Peak	End times	SMM Pointing:	N02W76		Pitch=-42", Yaw=-923"	=-923", Roll	,Roll=Odeg	H.Ang=77deg	
GOES 13:00 13:12 13:27 HXRBS 13:06:10 13:08:02 13:15:28 BCS 13:10 13:10 13:11 UVSP 13:12 Radio Frequency(MHz)/Fluy(sfu).	13:12 13:08:02 13:10	13:27 2 13:15:28 13:11	Importance=Ml Peakc/s=48 CaPeak.c/s=19 Wavelength=15	Qual=01 Qual=01 Qual= 1 Code=02	Qual=01 Tot Cts=63942 Qual=01 Tot Cts=63942 Qual= 1 FePeak=13:10 24A Code=02 Exp #=17558	MaxkeV=88 FePeak.c/s=7 Rast=30"x30"	#Peaks=1 Step=0"	Pitch=-128"	XEN=413917 ', Yaw=-882"	
HXRBS 13:00:32 UVSP 12:56	13:01:03	3 13:02:57		ov,zo is sociated qual=01	400/15 Event # = 7158 Tot Cts=2488 Exp #=17556	MaxkeV=67 Rast=30"x30"	Step=0"	Pitch=-143"	., Yaw=-881"	ı
Event # = 7161 84/05/18,14:19 Start	D0Y=139 Peak	Fnd + imp	SMM Pointing:	N02W76		Pitch=-42", Yaw=	, Yaw=-923", Roll=0deg		1. Ang	1
Optical GOES 14:02		14:35	HaClass=SF Importance=C9	\$12E72 011a1=05	AR4492	Mac.=EA0	Carr.Lon.*2deg	=2deg	H.Ang=72deg	
HXRBS 14:28:56 UVSP 14:15 Radio Frequency	4:28:56 14:29:59 14:31:1 4:15 Frequency(MHz)/Flux(sfu)		Peakc/s=85 Wavelength=1524A 4995/10 8800/12	Qual=01 Code=00	Tot Cts=1392 Exp #=17562	MaxkeV=129 Rast=30"x30"	Flags=AX Step=0"	Pitch=-142"	', Yaw=-899"	
HXRBS 14:12:52	14:13:20 14	1 40	Peakc/s=63	ssociated Qual=02	Event # = 7160 Tot Cts=448		Flags=SN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Event # = 7162 84/05/18,14:48 Start	DOY=139 Peak	Fnd times	SMM Pointing:	NO2W79		Pitch=-40", Yaw=	, Yaw=-933", Roll=Odeg		H.Ang=79deg	
Optical 60ES 14:43		15:05	HaClass=SF	S12E72	AR4492	Mac.=EA0	Carr.Lon.=2deg		H.Ang=72deg	
HXRBS 14:56:06 UVSP 14:45	14:57:05	14:57:30	c/s=73 elength=1524A	Qual=01 Qual=01 Code=00	Tot Cts=726 Exp #=17566	MaxkeV=48 Rast=30"x30"	Step=0"	Pitch=-127"	, Yaw=-899"	
Event # = 7163 84/05/18,16:07 Start	D0Y=139 Peak	End times	SMM Pointing:	S15E87		Pitch=+246", Yaw	, Yaw=+916", Roll	, Roll=Odeg	H.Ang=87deg	
GOES HXRBS 16:06:59 UVSP 16:05		16:	Peakc/s=82 Wavelength=1526A	Qual=00 Qual=01	Tot Cts=2001 Exp #=17572	MaxkeV=108 Rast=10"x10"	Flags=AX Step=0"	Pitch=+113",	, Yaw=+829"	
Event # = 7164 84/05/18,16:15 Start	D0Y=139 Peak	End times	SMM Pointing:	S15E87		Pitch=+246", Yaw	, Yaw=+916", Roll=0deg		H.Ang=87deg	1
Optical Optical GOES 16:12	16:15	38	HaClass=SF HaClass=SF	N11W80 S12E71 Oual=01	AR4481 AR4492	Mac.≖EKO	Carr.Lon.=153deg Carr.Lon.=2deg		H.Ang=81deg H.Ang=71deg	
IXRBS 16:12:51 JVSP 16:05	16:13:07	16:14:42	Peakc/s=119 Wavelength=1526A	Qual=01 Qual=01 Code=00	Tot Cts=747 Exp #=17572	MaxkeV=67 Rast=10"x10"	Step=0"	Pitch=+113",	, Yaw=+829"	
Event # = 7165 84/05/18,20:58 Start	DOY=139 Peak	End times	SMM Pointing:	S15E87		Pitch=+246", Yaw	, Yaw=+916", Roll	, Roll=Odeg	H.Ang=87deg	1
Optical Optical GOFS 20:52	20.58	:	HaClass=SN HaClass=SF	NO5W84 S10E71	AR4481 AR4492	Mac.=EKO	Carr.Lon.=155deg Carr.Lon.=360deg		H.Ang=84deg H.Ang=71deg	
IXRBS 20:53:40 adio Frequenc	20:53:40 20:54:04 20:56:10 Frequency(MHz)/Flux(sfu)	o			Tot Cts=2374	MaxkeV=48				

7deg 9deg 918 pixel	77deg 99deg 9920 pixel	37 deg 70deg 3921 7 pixel	37deg 3922	87deg 3925	4011	4013 859"
H.Ang=87deg H.Ang=69deg XEN=413918 1.024s/pixe1	H.Ang=87deg H.Ang=69deg XEN=413920 1.024s/pixel	H.Ang=87deg H.Ang=70deg XEN=413921 1.024s/pixel	H.Ang=87deg XEN=413922	H.Ang=87deg XEN=413925	XEN=414011 11", Yaw=+911"	XEN=414013 88", Yaw=+859"
=0deg =1deg dt= 3.8s Cad= 332s	=0deg .1deg Cad= 332s	=0deg :360deg Cad= 332s	=0deg	1=0deg dt= 3.8s) Pitch=+181",	dt= 7.7s XEN=414013 Pitch=+158",Yaw=+859"
,Yaw=+916",Roll=0deg Carr.Lon.=1deg 13 #Peaks=1 dt= 3 80" Step=10" Cad=	:+916",Roll=Ode Carr.Lon.=1deg #Peaks=1 Step=10" Cad=	-+916", Roll=Odeg Carr.Lon.=360deg #Peaks=1 Step=10" Cad= 3	=+916", Rol #Peaks=1	,Yaw=+916",Roll=Odeg 13 #Peaks=1 dt= 3	#Peaks=1 Step=15"	#Peaks=2 Step=0"
Pitch=+246", Yaw= Mac.=EA0 FePeak.c/s=13 Rast=180"x180"	Pitch=+246",Yaw=+916",Roll=Odeg Mac.=EAO Carr.Lon.=1deg FePeak.c/s=11 #Peaks=1 Rast=180"x180" Step=10" Cad=	Pitch=+246",Yaw=+916",Roll=Odeg Mac.=EAO Carr.Lon.=360de FePeak.c/s=9 #Peaks=1 Rast=180"x180" Step=10" Cad=	Pitch=+246",Yaw=+916",Roll=Odeg FePeak.c/s=7 #Peaks=1	Pitch=+246",Yaw FePeak.c/s=13	FePeak.c/s=8 Rast=265"x265"	MaxkeV=48 FePeak.c/s=23 Rast=10"x10"
AR4492 FePeak=22:07	AR4492 FePeak=22:38	AR4492 FePeak=22:43	FePeak=22:51	FePeak=23:47	9 DOY=140 AR4492 FePeak=02:49 Exp #=17598	AR4492 Tot Cts=1774 FePeak=03:31 Exp #=17603
\$15E87 \$12E69 Qual=05 Qual= 4	\$15E87 \$12E69 Qual=01 Qual= 1	\$15E87 \$10E70 Qual=01 Qual= 1	\$15E87 Qual=01 Qual= 1	\$15E87 Qual=01 Qual= 1	84/05/19 Qual=04 Qual= 1 Code=02	Qual=03 Qual=01 Qual= 1 Code=00
SMM Pointing: HaClass=SN Importance=C3 CaPeak.c/s=102 Peak3c/s=685	SMM Pointing: HaClass=SN Importance=C1 CaPeak.c/s=25 Peak3c/s=218	SMM Pointing: HaClass=SN Importance=C1 CaPeak.c/s=24 Peak3c/s=158	SMM Pointing: Importance=C1 CaPeak.c/s=19	SMM Pointing: Importance=C2 CaPeak.c/s=71 Peak3c/s=318	SMM Pointing: Importance=C2 CaPeak.c/s=33 CaPeak3c/s=349 Wavelength=1526A	SMM Pointing: Importance=C5 Peakc/s=114 CaPeak.c/s=188 Peak3c/s=732 Wavelength=1526A
End times 22:20 22:22	End times 22:40 22:39	End times 22:45 22:45	End times 22:51 22:51	End times 23:53 00:06	End times 02:53 02:58	End times 03:56 03:07:29 04:52
DOY=139 Peak 22:08 22:07 22:10	DOY=139 Peak 22:39 22:38 22:37	D0Y=139 Peak 22:44 22:43 22:43	DOY=139 Peak 22:50 22:51	D0Y=139 Peak 23:47 23:47 23:57	DOY=140 Peak 02:48 02:49 02:50	DOY=140 Peak 03:31 9 03:06:39 03:35
# = 20598 18,22:08 Start 1 21:50 22:05	# = 20599 18,22:39 Start 1 22:37 22:37	# = 20600 18,22:44 Start 11 22:42 22:43	# = 20601 '18,22:50 Start 22:48 22:48	# = 20645 /18,23:47 Start 23:40 23:39	# = 20646 /19,02:48 Start 02:29 02:48	# = 7166 /19,03:31 Start 03:04 03:05:09 03:04
Event 84/05/ 0ptica GOES BCS FCS	Event 84/05/ 0ptica GOES BCS FCS	Event # 84/05/18 84/05/18 00tical 60ES BCS FCS	Event 84/05/ GOES BCS	Event 84/05/ 60ES BCS FCS	Event 84/05, GOES BCS FCS UVSP	Event 84/05/ GOES HXRBS BCS FCS UVSP

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Pitch=+158",Yaw=+859"		Pitch=+181",Yaw=+911"		≕341deg H.Ang≕85deg	Pitch=+158",Yaw≡+844"		XEN=414000	Cad=1806s 1.024s/pixel Pitch=+158",Yaw=+829"		₌151deg H.Ang≖86deg	Pitch=+128",Yaw=+829"		XEN=414004 Pitch=+158", Yaw=+844"		48deg H.Ang∗18deg	dt= 3.8s XEN=414029	Pitch=+158", Yaw=+814"
 Step=0"		Step=15"		Carr.Lon.=341deg	Step=0"		#Peaks=2	Step=10" Step=0"		Carr.Lon.=151deg	Flags=FS Step=0"		#Peaks=2 Step=0"		Carr.Lon.=48deg	#Peaks=1	Step=0"
MaxkeV=48 Rast=10"x10"		MaxkeV=48 Rast=265"x265"		Mac.≖CHO	MaxkeV=48 Rast=10"x10"		MaxkeV=48 FePeak.c/s=7	Rast=420"x420" Rast=10"x10"		Mac.=CAO	MaxkeV=129 Rast=10"x10"		FePeak.c/s=5 Rast=10"x10"		Mac.=DSO	FePeak.c/s=10	Rast=10"x10"
Event # = 7167 Exp #=17601	AR4492	Exp #=17606	AR4492	AR4494	Tot Cts=2015 Exp #=17615	AR4492	FePeak=07:35	Exp #=17623	AR4492	AR4481	Tot Cts=85398 Exp #=17625	AR4492	FePeak=08:00 Exp #=17627	AR4492	AR4490	FePeak=12:40	Exp #=17649
Associated Event Qual=01 A Exp #		Qual=00 Qual=01		S11E85 Oual=01	Qual=01 Code=00		Qua]=04 Qua]=01 Qua]= 1	Code=00		NO6W86 Oual=01	Qual=01 Code=00 5400/25		Qual=01 Qual= 1 Code=00		\$13E14		Code=00
Peakc/s=80 Wavelength=1526A	SMM Pointing:	Importance=C5 Peakc/s=69 Wavelength=1526A	SMM Pointing:	HaClass=SF Importance=C2	Peakc/s=112 Wavelength=1526A III/1	SMM Pointing:	Importance=C3 (Peakc/s=72 (Peak.c/s=75 (Peak.c/s=25 (P	Mavelength=1526A	SMM Pointing:	HaClass=1N Importance=Ml	c/s=2409 length=1526/ 17 8800/62	SMM Pointing:	Importance=C3 CaPeak.c/s=20 Wavelength=1526A	SMM Pointing:	HaClass=SF Importance=C2	CaPeak.c/s=58 Peak3c/s=392	Wavelength=1526A
:11:13	End times	04:24:25	Fnd times	06:20	5:38 ity:		End times 07:42 07:39:47 07:50		Fnd times	07:58	07:52:01 lux(sfu):	Fnd times	2	Fnd + impec	46	12:54	
9 03:10:50 03	00Y=140 Peak		DOY=140 Peak	06:13		D0Y=140	Peak 07:36 07:38:58 07:35	?	DOY=140 Peak	07:51	07:48:23 y(MHz)/F1	DOY=140 Peak	08:00	D0Y=140 Peak	12:40	12:40 12:47	
03:09:29 03:05	t # = 7168 5/19,04:24 Start	04:23:55 04:25	Event # = 7169 84/05/19,06:13 Start	06:03	06:03:55 06:00 Sweeps	# = 7170 19,07:36	SCAPT GOES 07:32 HXRBS 07:37:59 BCS 07:35 FCS	07:34	Event # = 7171 84/05/19,07:51 Start		00	# = 20602 19,08:08 Start	GOES 08:02 BCS 08:00 UVSP 08:04	Event # = 20603 84/05/19,12:40 Start	1 12:28	12:28	12:33
HXRBS UVSP	Event 84/05/	GOES HXRBS UVSP	Event 84/05/	Optica GOES	HXRBS UVSP Radio	Event 84/05/	GOES HXRBS BCS FCS	UVSP	Event 84/05/	Optica GOES	HXRBS UVSP Radio	Event 84/05/	GOES BCS UVSP	Event 4 84/05/1	Optical GOES	SSS	UVSP

tart 1:13 1:18 1:18 3:51 = 7172									
# = 7172	:19	End times 14:25 14:23 (Importance=C2 CaPeak.c/s=24 Peak3c/s=57 Wavelength=1524A	Qual=01 Qual= 1 F Code=00 E	FePeak=14:21 Exp #=17654	FePeak.c/s=8 Rast=250"x250"	#Peaks=1 c Step=10"	dt= 7.7s	XEN=414030 , Yaw≖+904"
Start Pe	DOY=140 Peak	nd time		\$12E70	AR4492 AR4492	Mac.=FHI	Carr.Lon.=350deg		H.Ang=70deg
15:43 15:15:44:59 15:15:45 15:24	:46 :45:43 :47 :46	15:48 15:45:55 15:48	Importance=C1 Peakc/s=89 CaPeak.c/s=22 Peak3c/s=27 Wavelength=1524A	Qual=01 Qual=01 Qual= 1 1 Code=01 1	FePeak=15:47 Exp #=17655	MaxkeV=48 FePeak.c/s=12 Rast=120"x60" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 7.7s) Cad=2998s 9 Pitch=+141"	XEN=414031 93.70s/pixel ",Yaw=+912"
# = 7173 19,17:34 Start	DOY=140 Peak	End times	Class=SF	S08E82	AR4494	Mac.=CHO	Carr.Lon.=337deg		H.Ang≕82deg
17:28 17:29:30 17:00 Frequen	17:34 17:30:20 cy(MHz)/F1	17:41 17:31:33 ux(sfu):	24/ 37	Qual=01 Qual=01 Code=00 5400/28	Tot Cts=5918 Exp #=17656	MaxkeV=67 Rast=250"x250"	Step=10"	Pitch=-503"	, Үам=+133"
Event # = 20648 84/05/19,19:07 D0	D0Y=140		SMM Pointing:		AR4492				
Start	ak	End times	HaClass=SN	\$12E84	AR4492	Mac.=FHI	Carr.Lon.=334deg	:334deg	H.Ang=84deg
GOES BCS 18:47 19	2:07	19:16	CaPeak.c/s=25	(ua)= 3	FePeak=19:07	FePeak.c/s=11	#Peaks=1		XEN=414019
8:33	3:48		Peak3c/s=100 Wavelength=1524A		Exp #=17657	Rast=10"x10"	Step=0"	Pitch=+141"	, Yaw=+912"
1	D0Y=140	1 9	SMM Pointing:		AR4492				
Start Pe GOES 20:18 20 HXRBS 20:21:30 20 UVSP 20:09	reak 20:22 20:21:59	20:22:29	Importance=C3 Peakc/s=68 Wavelength=1524A	Qual=01 Qual=01 Code=00	Exp #=17658	MaxkeV=48 Rast=250"x250"	Step=10"	Pitch=+141", Yaw=+912"	', Yaw=+912"
Event # = 7176 84/05/19,20:48 DC	D0Y=140		SMM Pointing:		AR4492				
	eak	1mes	HaClass=SN	\$10E68	AR4492	Mac.=FHI	Carr.Lon.=350deg	=350deg	H.Ang≖68deg
GÓES 20:30 20 HXRBS 20:33:33 20 BCS 20:28 20	20:48 20:38:08 20:46	20:51 20:50:08 20:53	Importance=Cb Peakc/s=91 CaPeak.c/s=252	Qual=03 Qual=01 Qual= 3	Tot Cts=10047 FePeak=20:46	MaxkeV=48 FePeak.c/s=39	#Peaks=2 Sten=10"	dt= 7.7s Cad= 590s	XEN=414008 1,024s/pixel
20:09	20:28	1 00	Peak3c/s=45 Wavelength=1524A Code=00	Associated	Exp #=17658 Event # = 7175	Rast=250"x250" Rast=250"x250" AaxkeV=48			", Yaw=+912"

Peak End times 21:53 22:27	Event # = 7177 84/05/19,21:53 DOY=140	SMM Pointing:		AR4492				
21:53 22:27 Imp 21:55 22:30 Cap 21:55 22:30 Cap 21:55 22:30 Cap 21:54 22:30 Cap 21:55 22:30 Cap 21:55 22:30 Cap 22:56 22:30 Fea 4 25:57 23:45:38 Pea BOY=140 End times BOY=141 SMM Peak End times Ha 01:00:32 01:01:07 Peak CY(MHZ)/Flux(sfu): 410, Mave CY(MHZ)/Flux(sfu): 1mp DOY=141 SMM Peak End times Ha 01:05 01:05 Impo 01:05 01:04:13 01:04:50 Peak Mave COI:13 01:16 Impo 01:12:35 01:16 Impo 01:12:35 01:14:15 Peak	Start Peak End time	I	S10E66	-	Mac,=FHI	Carrilon =351dea	=351dea	TOUR H
21:55 22:30 Cap Pea 21:54 Pea Wav Type/Intensity: III 245 Pea Wav Type/Intensity: III 245 Peak Peak End times Peak 23:45:18 Peak Peak 23:45:18 Peak Peak Peak Peak Peak Peak Peak Peak	21:48	Importance=X4	Qual=01	To+ C+2+2 FOR	Marshay 400		f	figure file.
Type/Intensity: III Type/Intensity: III 1 22:19:34 22:20:38 Pea 1 22:19:34 22:20:38 Pea 23:44 23:55 23:44:55 23:46:18 Peal Mav. DOY=141 SMM Peak End times Ha O1:05 01:07 Peak Mave CY(MHZ)/Flux(sfu): 410, DOY=141 SMM Peak End times Ha O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:07 Impo O1:05 01:05 Impo O1:05 01:05 Impo O1:05 01:05 Impo O1:05 01:05 Impo	21:48 21:55 22:30	CaPeak.c/s=1970	Qual= 1	FePeak=21:52	FePeak.c/s=7999	#Peaks=2	dt= 7.7s	XEN=414010
DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 SMM Peak COT:00:00 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 SMM Peak DOY=141 DOY=141 SMM Peak Ha DOY=141 SMM Peak Ha DOY=141 SMM Peak Ha DOY=141 DOY=141 SMM Peak DOY=141 DOY=141 DOY=	21:43	reak3υ/ >=16496 Wavelength=1524A	Code=00	Exp #=17659	Rast=420"x420" Rast=10"x10"	Step=10" Step=0"	Cad=1806s Pitch=+141	1.024s/pixel ".Yaw=+912"
DOY=140 End times Important End times 23:44 23:55 23:46:18 Pead 23:42:55 23:46:18 Pead May 23:44 23:55 23:46:18 Pead End times Ha DOY=141 End times Ha DOY=141 SMM Peak End times Ha DOY=141 SMM Peak End times Ha O1:05 01:07 Important End times Ha O1:05 01:04:13 01:04:50 Important End times Ha O1:12:35 01:16 Important Important End times Ha	Frequence	245/460 410/770	00/9/909	1415/1800 2695/20	00 4995/2400 88	00/2000 154	100/2200	
DOY=140 Peak 23:44 23:55 23:46:18 PeakC/s=3256 Qual=01 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 DOY=141 SMM Pointing: S13E87 DOY=141 SMM Pointing: S13E87 DOY=141 DOY=141 SMM Pointing: S13E87 DOY=141 DOY=141 SMM Pointing: S13E87 DOY=141 Maxkev=48 Maxcev=48 Maxcev=48 Pitch=+213", Yaw= Qual=01 Maxkev=48 Maxcev=48 Pitch=+213", Yaw= Pointing: S13E87 DOY=141 Maxkev=48 Maxcev=48 Maxcev=48 DOY=141 Maxkev=48 Maxcev=48 DOY=141 Maxkev=48 Maxcev=48 Maxcev=48 Maxcev=48 O1:04:13 01:07 PeakC/s=80 Qual=01 Peak DOY=141 Maxkev=48 Maxcev=48 Maxcev=48 Maxcev=48 Maxcev=48 Maxcev=48 Maxcev=50 O1:04:13 01:07 PeakClass=SF Qual=01 DOY=141 Maxkev=48 Maxcev=60 O1:04:13 01:07 PeakClass=SF O1:05 O1:07 O1:08:05 O1:08:05 O1:08:05 O1:08:05 O1:08:05 O1:08:06 O1:08:08 O1:08 O	22:19:14	Pea	ssociated Qual=01	Event # = 7178	MaxkeV=48	1	1	1 1 1 1 1 1 1
23:44 23:55 23:46:18 Peakc/s=3256 Qual=01 Tot Cts=71273 Maxkev=196 Wavelength=1526A Code=00 Exp #=17663 Rast=10"x10" B4/05/20 D0V=141 B4/05/20 B4/05/20 B4/05/20 B4/05/20 B4/05/20 B4/05/20 B4/05/20	DOY=140	S. ₹S		AR4492				
DOY=141 Peak End times O1:00:32 01:01:07 Peakc/s=74 O1:05:20 01:07 Peakc/s=80 O1:04:13 01:04:15 O1:12:35 01:14:15 Peak O1:05	23:42:55 23:46:18	Importance=M1 Peakc/s=3256 Wavelength=1526A	Qual=01 Qual=01 Code=00	Tot Cts=71273 Exp #=17663	MaxkeV=196 Rast=10"x10"	Flags=M,FS Step=0" P	, Pitch=+96",Yaw=+807"	,Yaw=+807"
DOY=141 SMM Pointing: S13E87 Pitch=+213", Yaw=Peak Fol:00:32 01:01:07 PeakClass=SF (Qual=0) S09E79 (Qual=0) AR4494 (Qual=0) Fol:00:32 01:01:07 PeakClass=SF (Qual=0) Exp #=17669 (Past=10"x10") Fol:00:07 Mavelength=1526A (Qual=0) AR4494 (Past=10"x10") Fol:04:13 01:04:50 Importance=C2 (Qual=0) Qual=0) Fol:04:13 01:04:13 01:04:50 SMM Pointing: S13E87 (Past=10"x10") BOY=141 (Past=10) Maxee=Bast=10"x10" BOY=141 (Past=10) PeakClass=SF (Qual=0) BOY=141 (Past=10) SMM Pointing: BOY=141 (Past=10) PeakClass=SF (Qual=0) Boy=142 (Past=10) Past=10"x10" Boy=1449 (Past=10) Past=10"x10" Boy=1449 (Past=10) Past=10"x10" Boy=1449 (Past=10) Past=10"x10" Boy=1449 (Pas			84/05/20		The state of the s			
01:00:32 01:01:07 Peakc/s=74 Qual=01 Exp #=17669 Maxkev=48 Mavelength=1526A Qual=01 Exp #=17669 Rast=10"x10" D0Y=141 SMM Pointing: S13E87 Pitch=+213", Yaw=01:05 01:07 Importance=C2 Qual=01 Maxkev=48 Rast=10"x10" D0Y=141 SMM Pointing: S13E87 AR4494 Mac.=DAO Qual=01 Wavelength=1526A Code=00 Exp #=17669 Rast=10"x10" D0Y=141 SMM Pointing: S13E87 Pitch=+213", Yaw=-01:04:13 01:04:50 Maxkev=48 Rast=10"x10" D0Y=141 SMM Pointing: S13E87 Pitch=+213", Yaw=-01:04:13 01:16 Importance=C5 Qual=01 Tot Cts=3929 Maxkev=48	# = /180 /20,01:00 DOY=141 Start Peak		S13E87	i	Pitch=+213", Yaw:	=+924", Roll	, Roll=Odeg	H.Ang=87deg
01:00:32 01:01:07 Peakc/s=74 Qual=01 Exp #=17669 Rast=10"x10"	;	Class=SF	S09E79	AR4494	Mac.=DAO	Carr.Lon.=336deg	336deg	H.Ang=79deg
D0Y=141 SMM Pointing: \$13E87 Pitch=+213", Yaw= Peak End times HaClass=SF \$09E79 AR4494 Mac.=DAO 01:05 01:07 Importance=C2 Qual=01 AR4494 Mac.=DAO 01:04:13 01:04:50 Peakc/s=80 Qual=01 Exp #=17669 Rast=10"x10" D0Y=141 SMM Pointing: \$13E87 Pitch=+213", Yaw=- Peak HaClass=SF \$09E79 AR4494 Mac.=DAO 01:12:35 01:16 Importance=C5 Qual=01 Tot Cts=3929 Maxkev=48		c/s=74 length=1526A 140 606/18	Qual=01	Exp #=17669	MaxkeV=48 Rast=10"x10"	Step=0"	Pitch=+96", Yaw=+807"	Yaw=+807"
DUT=141 Peak End times 01:05		- 1						
01:05 01:07 Importance=C2 Qual=01	DUY=141 Peak		S13E87		Pitch=+213",Yaw≖	=+924", Roll=0deg	=0deg	H.Ang=87deg
01:04:13 01:04:50 Peakc/s=80 Qual=01 Wavelength=1526A Code=00 Exp #=17669 Rast=10"x10" D0Y=141 SMM Pointing: S13E87 Pitch=+213", Yaw= HaClass=SF S09E79 AR4494 Mac.=DA0 01:13 01:16 Importance=C5 Qual=01 01:12:35 01:14:15 Peakc/s=136 Qual=01 Tot Cts=3929 Maxkev=48	01:05	.Class=SF rtance=C2	S09E79 Oual=01		Mac.=DAO	Carr.Lon.=336deg	336deg	H.Ang=79deg
DOY=141 SMM Pointing: \$13E87 Pitch=+213", Yaw=Peak End times HaClass=SF \$09E79 AR4494 Mac.=DAO 01:13 01:16 Importance=C5 Qual=01 Tot Cts=3929 Maxkev=48	01:04:13	c/s#80 length=1526A	Qual=01 Code=00		MaxkeV=48 Rast=10"x10"	Step=0" F	Pitch=+96",Yaw=+807"	Yaw=+807"
01:13 01:16 Importance=C5 Qual=01 Tot Cts=3929 MaxkeV=48	DOY=141 Peak	1	S13E87		Pitch=+213", Yaw=	.+924", Roll=	=0deg	H.Ang=87deg
01:11:46 01:12:35 01:14:15 Peakc/s=136 Qual=01 Tot Cts=3929	01:13 01:16	HaClass=SF Importance=C5	S09E79 Oual=01		Mac.=DAO	Carr.Lon.=336deg		H.Ang=79deg
o> wavelength=1526A Code=00 Exp #=17671 Rast=10"x10")1:11:46	Peakc/s=136 Wavelength=1526A	Qual=01 Qual=01 Code=00	Tot Cts=3929 P Exp #=17671	MaxkeV=48 Rast=10"x10"	Step=0" P	Pitch=+186", Yaw=+807"	, Yaw=+807"

Event # = 7295 84/05/20,01:29	5 9 DOY=141		SMM Pointing:	513E87		Pitch=+213",Yaw=	, Yaw=+924", Roll=Odeg		H.Ang=87deg
· me		≡es	HaClass=1B	\$10E64	AR4492	Mac.=FKO	Carr.Lon.=351deg		H.Ang≖64deg
GÖES 01:24 HXRBS 01:25:26 BCS 00:51	01:29 26 01:26:37 01:29	01:38 01:35:54 01:48	Importance=M2 CaPeakc/s=2723 CaPeak.c/s=2047 C	Qual=01 Qual=01 Qual= 1	Tot Cts=3.78E+5 FePeak=01:28	MaxkeV=219 FePeak.c/s=1718	Flags=M #Peaks=3 d	dt= 7.7s	XEN=414134
	01:31 01:24 Frequency(MHz)/Flux(sfu)	• •	Peak3c/s=2341 Wavelength=1526A 245/230 410/3500	Code=00 606/77 1	Code=00 Exp #=17673 Rast=10"x10" 606/77 1415/51 2695/140 4995/130 8800	Rast=10"x10" 1995/130 8800/320	x10" Step=0" P 8800/320 15400/340	Pitch=+156", Yaw=+807"	, Yaw=+807"
Event # = 7184 84/05/20,03:01	4 1 DOY=141		SMM Pointing:	\$13E87		Pitch=+213", Yaw=	, Yaw=+924", Roll=Odeg		H.Ang≖87deg
٠		шes	HaClass=SB	\$13 <u>E</u> 62	AR4492	Mac.=FKO	Carr.Lon.=352deg		H.Ang=62deg
G0ES 02:48 HXRBS 02:56:03 BCS 02:48	03:01 03 03:00:28 03:01	03:15 03:15:52 03:23	Importance=M4 Peakc/s=6859 CaPeak.c/s=3078	Qual=01 Qual=01 Qual= 1	Tot Cts=7.74E+5 FePeak=03:01	MaxkeV=219 FePeak.c/s=1418	Flags=M,FS #Peaks=2 d	dt= 7.7s	XEN=414129
FCS UVSP 02:58 Radio Frequ	03:16 :y(MHz		ak3c/s=1320 /elength=1520 5/240 410/320	Code=00 606/1400		Exp #=17681 Rast=10"x10" Step=0" Pitch=+156", 1415/240 2695/100 4995/130 8800/260 15400/420	Step=0" P /260 15400/4	oitch=+156" 120	', Yaw=+837"
,00	02:51	. 6	As Peakc/s=324 Wavelength=1526A	Associated Qual=01 5A	Exp #=17679	MaxkeV=67 Rast=10"x10"	Step=0" P	Pitch=+186"	, Үаw=+792"
Event # = 7185 84/05/20,04:08	15 18 DOY=141		SMM Pointing:	\$13E87		Pitch=+213",Yaw	, Yaw=+924", Roll=Odeg	=0deg	H.Ang=87deg
Start Optical		⊪es	HaClass=SN		AR4492	Mac.=FKO	Carr.Lon.=347deg	347deg	H.Ang=66deg
GOES 04:02 HXRBS 04:04: BCS 04:00 FCS 04:02 UVSP 04:02	04:08 :25 04:06:28 04:08 04:09	04:18 04:09:32 04:30	Importance=M1 Peakc/s=354 CaPeak.c/s=457 Peak3c/s=1669 Wavelength=1526A	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=30196 FePeak=04:06 Exp #=17685	MaxkeV=67 FePeak.c/s=128 Rast=420"x420" Rast=10"x10"	#Peaks=1 c Step=10" Step=0" F	dt= 7.7s Cad=1806s Pitch=+96",	XEN=414100 1.024s/pixel ,Yaw=+792"
Event # = 7186 84/05/20,04:45	36 15 DOY=141		SMM Pointing:	S13E87		Pitch=+213",Yaw=+924"	=+924", Roll=0deg	=0deg	H.Ang=87deg
Start Optical			HaClass=SN	S11E64	AR4492	Mac.=FKO	Carr.Lon.=349deg	349deg	H.Ang=64deg
GOES 04:30 HXRBS 04:32:12 BCS 04:31	04:45 04:35 04:35 04:35	:30 04:30 04:49	<pre>Importance=C4 Peakc/s=110 CaPeak.c/s=63 Peak3c/s=306</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=1041 FePeak=04:36	MaxkeV=48 FePeak.c/s=10 Rast=0"x0"	_	dt= 7.7s Cad= 768s	XEN=414130 768.0s/pixel
4:47 - 4:43	:39 04:45:2	04:45:21 04:46:36	/elength=1526 	A Code=02 Associated Qual=01	Exp #=17690 Event # = 7187	Rast=265"x265" MaxkeV=48	Step=15"	P1tch=+149"	, Yaw=+yy

Event # = 7188 84/05/20,05:44	D0Y=141		SMM Pointing:	S13E87		Pitch=+213".Yaw	Yaw=+924". Roll=Oded	=0dea	H. Ann=87den
Start	Peak	End times					i ou fi i acci.		555 /O_510 ·
ď			HaClass=1B		AR4492	Mac.=FKO	Carr.Lon.=356deg	=356deg	H.Ang=57deg
XRBS 05:39:19 RS 05:40:00	9 05:41:26	05:49:16	Peakc/s=5530	Qual=02	Tot Cts=7.15E+5	MaxkeV=196	Flags=M,SA		
	05:42	06:31	CaPeak.c/s=3103	Qual= 5	FePeak=05:42	FePeak.c/s=1393	#Peaks=3	dt= 3.8s	XEN=414135
UVSP 05:36 Radio Frequen	05:36 Frequency(MHz)/Flux(sfu)		Mavelength=1526A 245/85 410/230 6	Code=00 06/15 141		Rast=10"x10" /59 8800/82 1540	Step=0" 00/130	Pitch=+156"	', Yaw=+822"
Event # = 7189 84/05/20,06:06	1		SMM Pointing:	\$13E87		Pitch=+213", Yaw=+924", Roll=0deg	=+924", Roll	=0deg	H.Ang=87deg
GOES SCAPT GOES 06:03 HXRBS 06:03:53 UVSP 05:51	reak 06:06 3 06:06:02	End times 06:08 06:06:41	Importance=C8 Peakc/s=75 Wavelength=1526A	Qual=01 Qual=01 Code=00	Exp #=17695	MaxkeV=48 Rast=10"x10"	Step=0"	Pitch=+156"	', Yaw=+837"
Event # = 7190 84/05/20,06:20	DOY=141		SMM Pointing:	\$13E87		Pitch=+213", Yaw	, Yaw=+924", Roll=0deg	=0deg	H.Ang=87deg
otical		<u>S</u>	HaClass=SB		AR4492	Mac.=FKO	Carr.Lon.=351deg	.351deg	H.Ang=61deg
HXRBS 06:17:36 BCS 06:15 FCS	6 06:19:35 06:20 06:21	06:22:12 06:31 06:31	Importance=MI Peakc/s=1440 CaPeak.c/s=442 Deak3 c/s=662	Qual=01 Qual=01 Qual= 1	Tot Cts=59095 FePeak=06:20	MaxkeV=243 FePeak.c/s=98	#Peaks=1	dt= 7.7s	XEN=414131
03	Tvpe/I		Wavelength=1526A V/1	Code=00	Exp #=17697	Rast=10"x10"		cau= 0048 Pitch=+141"	cau= 0045
	Frequency(MHz)/Flux(sfu)		245/480 410/560	606/58 14	5/480 410/560 606/58 1415/170 2695/78 4	4995/99 8800/150	15400/270		
ent # = 7192 1/05/20,07:12	DOY=141	End times	SMM Pointing:	S13E87		Pitch=+213", Yaw=+924", Roll=Odeg	=+924", Roll		H.Ang=87deg
GOES 07:08 HXRBS 07:15:20 BCS 07:10	07:12 07:16:06 07:10:06	07:18 07:16:24 07:12	Importance=C2 Qual=05 Peakc/s=72 Qual=01 CaPeak.c/s=24 Qual= 4	Qual=05 Qual=01 Qual= 4	FePeak=07:10	MaxkeV=48 FePeak.c/s=9	#Peaks=1		XFN=414106
:S rSP 07:11	07:11		Peak3c/s=68 Wavelength=1526A	Code=00	Exp #=1.	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s Pitch=+141"	1.024s/pixel ', Yaw=+822"
HXRBS 07:14:00	07:14:08	07:14:15	A	Associated Qual=01	Event # = 7191	MaxkeV=48	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1
/ent # = 7193 1/05/20,08:03 Start	DOY=141	Fod + imes	SMM Pointing:	S13E87		Pitch=+213", Yaw=+924", Roll=Odeg	=+924", Roll		H.Ang=87deg
GOES 07:55 HXRBS 07:57:09 BCS 07:59	08:03 07:58:32 08:03	08:06 07:59:47 08:06	Importance=C2 Peakc/s=115 CaPeak.c/s=42	Qua]=03 Qua]=01 Qua]= 3	Tot Cts=2319 FePeak=08:03	MaxkeV=48 FePeak.c/s=9	*Peaks=1	dt= 7.7s	XEN=414107
0	7:57 Frequency(MHz)/Flux(sfu)		Wavelength=1526A 1415/17 2695/140	Code=00	Exp #=17707	Rast=10"x10"			z.048s/p1xel ",Yaw=+822"

Start Peak End times HaClass=SF S10E57 (RBS 08:56:09 08:58:23 09:06:28 Peakc/s=152 Qual=01 Sp 09:01 09:04 09:30 CaPeak.c/s=326 Qual=01 Sp 09:01 09:04 09:30 CaPeak.c/s=326 Qual=01 Sp 09:01 09:04 09:30 CaPeak.c/s=326 Qual=01 Navelength=1526A Code=00 AND DISCOLUCION ON=141 SMM Pointing: S13E87 Start Peak End times HaClass=SN S12E61 AND DISCOLUCION ON=141 SMM Pointing: S13E87 AND DISCOLUCION ON=144 SMM Pointing: S13E87 AND DISCOLUCION ON=144 SMM Pointing: S13E87 AND DISCOLUCION ON=144 SMM Pointing: S13E87 AND DISCOLUCION ON=144 SMM Pointing: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINTING: S13E87 AND DISCOLUCION ON=144 SMM POINT	\$10E57 Qual=01 Qual=1 Qual=1 \$13E87 Qual=04 Qual=01 \$13E87 \$13E87 \$13E87 \$13E61 Qual=02 Qual=01 Qual=02 Qual=01 Qual=01 Qual=02		Mac.=FK0 Carr.Lon.=354de MaxkeV=48 FePeak.c/s=52 #Peaks=1 Rast=10"x10" Step=0" Pitch Pitch=+213", Yaw=+924", Roll=0deg MaxkeV=67 Rast=10"x10" Step=0" Pitch Pitch=+213", Yaw=+924", Roll=0deg	.=354deg Pitch=+141"	H.Ang=57deg XEN=414108 ,Yaw=+807"
08:54 09:06 09:16 Importance-to Qual=01 08:56 09 08:58:23 09:06:28 PeakC/s=152 Qual=01 08:50 09:04 09:30 Wavelength=1526A Code=00 Wavelength=1526A Code=00 09:01 10:22 DOY=141 Start Peak Indicate Indicat	Qual=01 Qual=01 Qual=1 S13E87 Qual=04 Qual=04 Qual=05 Qual=02 Qual=02 Qual=01 Qual=01 Qual=01 Qual=01		s=52 #Peak. 10" Step=0 3", Yaw=+924" 10" Step=0 3", Yaw=+924"		XEN=414108 , Yaw=+807"
# = 7195 20,10:22	\$13E87 Qual=04 Qual=01 6A Code=00 \$13E87 \$12E61 Qual=02 Qual=02 Qual=2 6A Code=01	Cts=8993 #=17717 AR4492 Cts=1334	Pitch=+213", Yaw=+924", MaxkeV=67 Rast=10"x10" Step=(
Junes Inportance=C4 Qual=O4 10:11 10:22 10:31 Peakc/s=201 Qual=O1 10:19 10:19:59 10:23:24 Peakc/s=201 Qual=O1 10:19 Frequency (MHz)/Flux(sfu): 4995/18 Code=O0 Frequency (MHz)/Flux(sfu): 4995/18 Peakclass=SN S12E61 In:14 In:20 In:31 Importance=C4 Qual=O2 In:11 In:15:03 In:15:32 Peakc/s=107 Qual=O2 In:11 In:11 In:11 In:12 Peakc/s=107 Qual=O1 In:10 Peak Code=O1 Peakc/s=107 Qual=O1 In:10 Peak Code=O1 Peakc/s=107 Qual=O1 In:10 Peak Code=O1 Peak Code=O1 Peak Code=O1 Peak Peak Code=O1 Peak Peak Code=O1 In:54 Peak Code=O1 Peak Code=O1 Peak Peak Code=O1 Peak Peak Code=O1 Peak Code=O1 Peak Peak Code=O1 Peak In:54 Peak Code=O1 Peak Code=O1 Peak In:54 Peak Code=O1 Peak Code=O1 Peak In:54 Peak Code=O1 Peak Code=O1 Peak In:54 Peak Code=O1 Peak Code=O1 Peak In:54 Peak Code=O1 Peak Code=O1 Peak In:55:38 In:53:12 Peak Code=O1 Peak Code=O1 Peak In:55:38 In:53:12 Peak Code=O1 Peak Code=O1 Peak Code=O1 Peak In:55:38 In:53:12 Peak Code=O1 Peak Code=O1 Peak In:55:38 In:53:12 Peak Code=O1 Peak Code=O1 Peak In:55:38 In:53:12 Peak Code=O1 Peak Code=O1 Peak In:55:38 In:53:12 Peak Code=O1 Peak Code=	Qual=04 Qual=01 Qual=01 S13E87 S12E61 Qual=02 Qual=01 Qual=2 Gual=01	Cts=8993 #=17717 AR4492 Cts=1334	Step= 		H.Ang=87deg
# = 7196 20,11:20	\$13E87 \$12E61 Qual=02 Qual=01 Qual= 2 6A Code=01		, Yaw=+924")" Pitch=+201",Yaw=+807"	, Yaw=+807"
Start Peak End times Start Peak	\$12E61 Qual=02 Qual=01 Qual= 2 6A Code=01			, Roll=Odeg	H.Ang=87deg
11:14 11:20	Qual=02 Qual=01 Qual= 2 6A Code=01		Mac.=FKO Carr.	Carr.Lon.=348deg	H.Ang=61deg
# = 7198 20,11:59 DOY=141 SMM Pointing: S13E87 Start Peak End times 11:49 11:59 12:03 Importance=C3 Qual=04 11:53:53 11:54:54 11:55:46 Peakc/s=66 Qual=01 11:54	•		MaxkeV=48 FePeak.c/s=8 #Peaks=1 Rast=180"x180" Step=10" Rast=10"x10" Step=0"	Cad= 664s Pitch=+201	XEN=414112 2.048s/pixel ", Yaw=+807"
Start Peak End times 11:49 11:59 12:03 Importance=C3 Qual=O4 11:53:53 11:54:54 11:55:46 Peakc/s=66 Qual=O1 11:51:54:54 11:55:46 Peakc/s=67 Qual=O1 11:51:49 11:52:38 11:53:12 Peakc/s=57 Qual=O1			Pitch=+213", Yaw=+924", Roll=Odeg		H.Ang*87deg
	Qual=04 Qual=01 Code=00 Sociated Qual=01	Exp #=17725 Event # = 7197	MaxkeV=48 Rast=10"x10" Step=0" 	Pitch=+171"	, Yaw=+807"
Event # = /200 84/05/20.12:33 DOY=141 SMM Pointing: S13E87			Pitch=+213", Yaw=+924"	, Roll=Odeg	H.Ang=87deg
Start Peak End times	lass=SN \$10E59		Mac.=FKO Carr.	Carr.Lon.=350deg	H.Ang=59deg
12:26 12:33 12:37 Importance=C1 Qual=O1 Tot Cts=13 12:33:23 12:33:51 12:34:10 Peakc/s=196 Qual=O1 Tot Cts=13 12:24 Wavelength=1526A Code=OO Exp #=1772 Mayelength=1526A Code=OO Exp #=1772	Qual=01 Qual=01 Code=00	Cts=1336 #=17729 + # = 7199	MaxkeV=67 Rast=10"x10" Step=0"	0" Pitch=+186"	', Yaw=+807"
·	.c/s=63 Qual=01		00		
1			Pitch=+178", Yaw=+754"	,Roll=Odeg	H.Ang=55deg
Start Peak End times 3) Code=EPL	!		Carr.	Carr.Lon.=318deg	H.Ang=89deg
GOES 13:32 13:39 13:51 Importance=C5 Qual=U1 HXRBS 13:32:14 13:35:46 13:42:16 Peakc/s=621 Qual=O1 Tot Cts=678 UVSP 13:28 Radio Frequency(MHz)/Flux(sfu): 606/10 1415/20 2695/16 4995/8	ance=C5	ot Cts=67805 .xp #=17732 ./8	MaxkeV=129 Rast=10"x10" Step=0"	0" Pitch=+151"	", Yaw=+637"

Event # = 84/05/20,	# = 7202 20,15:16	D0Y=141	1	SMM Pointing:	\$12E53		Pitch=+177", Yaw	, Yaw=+744", Rol	, Roll=Odeg	H.Ang=54deg	1
Optica			nd times	HaClass=SB	-	AR4492	Mac.=FKO	Carr.Lon.=353deg	=353deg	H.Ang≖54deg	
SS SS S	15:13:26 15:13	15:14:02 15:16 15:26	15:22:13 15:30 15:30	Importance-c/ Peakc/s=2958 CaPeak.c/s=551	Qual=01 Qual=01 Qual= 1	Tot Cts=79356 FePeak=15:15	MaxkeV=150 FePeak.c/s=118	Flags=M, #Peaks=2	FS	XEN=414132	
SSA	15:02	7:0		Peaksc/s=b∠s Wavelength=1524A	Code=00	Exp #=17733	Rast=300"x300" Rast=250"x250"	Step=10" Step=10"	Cad= 922s Pitch=+121"	1.024s/pixel ",Yaw=+734"	
Event #84/05/2	# = 20605 20,15:58 Start	DOY=141	7	SMM Pointing:	S12E53		Pitch=+177", Yaw=+744", Roll=Odeg	/=+744", Rol]=0deg	H. Ang=54deg	
Sive	15:57 15:57 15:02	15:58 15:57	S E	Importance=C1 CaPeak.c/s=18 Wavelength=1524A	Qual=02 Qual= 1 Code=00	FePeak=15:57 Exp #=17733	FePeak.c/s=10 Rast=250"x250"	#Peaks=1 Step=10"	Pitch=+121"	XEN=414117 Pitch=+121",Yaw=+734"	
Event #84/05/2	= 7203 ,16:40	DOY=141	7	SMM Pointing:	S12E53		Pitch=+177", Yaw	, Yaw=+744", Roll=0deg	1=0deg	H.Ang=54deg	
GOES HXRBS UVSP	16:37 16:38:16 16:37	16:38:47	16:46 16:39:22	Importance=C1 Peakc/s=83 Wavelength=1524A	Qual=01 Qual=01 Code=00	Exp #=17734	MaxkeV=48 Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+725	', Yaw=+725"	
Event # 84/05/2	# = 7204 '20, 19:47 Start	DOY=141 Peak	Fnd + impo	SMM Pointing:	S12E51		Pitch=+177", Yaw	, Yaw=+724", Rol	, Roll=Odeg	H.Ang=52deg	l
10	·—`	. 4	50	HaClass=SN	\$12E56	AR4492	Mac.=FKO	Carr.Lon.=349deg	=349deg	H.Ang=56deg	
HXRBS BCS FCS	19:44:09 19:45	19:44:24 19:45	19:45:16 20:26	Peakc/s=108 CaPeak.c/s=140	Qual=01 Qual= 5	Tot Cts=1062 FePeak=19:45	MaxkeV=48 FePeak.c/s=30	#Peaks=3		XEN=414133	
UVSP	19:45			reak3C/S=21 Wavelength=1524A	Code=00	Exp #=17736	Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+708"	", Yaw=+708"	
Event # 84/05/2	t # = 7206 5/20,20:20 Start	D0Y=141 Peak	Fnd times	SMM Pointing:	S12E51		Pitch=+177", Yaw	, Yaw=+724", Rol	, Roll=Odeg	H.Ang=52deg	
Optica GOES	20:14	20:20		HaClass=SB	\$11E58 0ual=01	AR4492	Mac.=FKO	Carr.Lon.=347deg	=347deg	H.Ang=58deg	
HXRBS UVSP Radio	RS 20:18:26 20:19:12 SP 19:45 Tio Frequency(MHz)/F	20:19:12 :v(MHz)/F	0:05 fu):	Peakc/s=357 (Wavelength=1524A (1415/25 2695/13 4	Qual=01 Qual=01 A Code=00 4995/16	Tot Cts=4423 Exp #=17736	MaxkeV=88 Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+708	', Yaw=+708"	
HXRBS	20:14:56	20:15:22	:56	Peakc/s=63 (ssociated Qual=01	Event # = 7205		, 1 1 1	1 1 1 1	7 T 1 1 1	1
Event #84/05/2	# = 7207 20,21:24 Start		Fnd +imps	SMM Pointing:	S12E50		Pitch=+176", Yaw=+711", Roll=Odeg	=+711", Rol	1=0deg	H.Ang=50deg	1
GOES HXRBS UVSP	21:20 21:22:20 21:20	21:24	ပ	Importance=Cl Peakc/s=106 Wavelength=1526A	Qual=04 Qual=01 Code=00	Tot Cts=355 Exp #=17738	MaxkeV=67 Rast=10"x10"	Step=0"	Pitch=+104",Yaw=+699"	', Yaw=+699"	
											1

Start Peak End times HaClass=SB S09E47 21:53	=-C5 Qual=01 =-C5 Qual=01 =-14690 Qual=01 =-407 Qual=01 =-435 =-435 =-435 =-435 =-435 =-435 =-1526A Code=00 =-1526A AR4492 Tot Cts=1.91E+5 FePeak=21:53 Exp #=17742 AR4492 Tot Cts=52611 FePeak=22:53 Exp #=17743 MO0 1415/4500 269	Mac.=FK0 MaxkeV=402 FePeak.c/s=136 Rast=0"x0" Rast=10"x10" Pitch=+176", Yaw= Mac.=FK0 MaxkeV=48 FePeak.c/s=644 Rast=265"x265" Rast=265"x265" For MaxkeV=48	Mac.=FKO	357deg H.Ang=47deg Cad= 768s 768.0s/pixel Pitch=+104", Yaw=+591" Cadeg H.Ang=50deg 351deg H.Ang=52deg XEN=414124 Cad=1806s 1.024s/pixel Pitch=+112", Yaw=+696"	
21:54 21:57 Impo 21:53:37 21:56:21 Peak 21:53 21:59 CaPe 21:54 Wave Cy (MHz)/Flux(sfu): 4999999999999999999999999999999999999	=-C5 Qual=01 \$=14690 Qual=01 T \$=435 \$=1526A Code=00 E \$00/170 15400/180 \$00/170 15400/180 ing: \$12E50 \$=22 Qual=05 \$=223 Qual=05 \$=4672 Qual=5 \$=1607 \$=1607 \$=1607 \$=1607 \$=1526A E9405/20	ot Cts=1.91E+5 ePeak=21:53 xp #=17742 AR4492 ot Cts=52611 ePeak=22:53 xp #=17743 00 1415/4500 269	daxkev=402 "ePeak.c/s=136 dast=0"x0" dast=10"x10" Pitch=+176", Yaw= dac.=FKO Maxkev=48 FePeak.c/s=644 Rast=420"x420" Rast=250"x265" S/14000 4995/24(Flags=M, FS #Peaks=1 Step=0" Cad= 7/ Step=0" Pitch= =+711", Roll=Odeg Carr.Lon.=351deg Flags=SN #Peaks=1 Step=10" Cad=18 Step=15" Pitch= OOO 8800/29000 15	XEN=414121 68s 768.0s/pixe1 +104", Yaw=+591" H.Ang=50deg H.Ang=52deg XEN=414124 06s 1.024s/pixe1 +112", Yaw=+696"
DOY=141 SMM Peak End times Ha 22:36 23:08 Impo 22:53:21 23:26:03 Peal 23:15	ing: \$12E50 s=28 \$08E52 e=X10 Qual=05 s=223 Qual=05 T s=4672 Qual= 5 F s=1607 h=1526A E	AR4492 ot Cts=52611 ePeak=22:53 xp #=17743 00 1415/4500 269	oitch=+176", Yaw= ac.=FK0 axkev=48 FePeak.c/s=644 Rast=420"x420" Rast=265"x265" 5/14000 4995/24(=+711",Roll=Odeg Carr.Lon.=351deg Flags=SN #Peaks=1 Step=10" Cad=18 Step=15" Pitch= 000 8800/29000 15	H.Ang=50deg H.Ang=52deg XEN=414124 06s 1.024s/pixe1 +112", Yaw=+696"
22:36 23:08 Impo 22:53:21 23:26:03 Peal 22:53 00:41 CaPl 23:15 Wav Type/Intensity: IV/ cy(MHZ)/Flux(sfu): 245. Cy(MHZ)/Flux(sfu): 245. DOY=142 End times Wav DOY=142 End times Ha. O2:25 02:38 Impo	s=28	AR4492 ot Cts=52611 ePeak=22:53 :xp #=17743 00 1415/4500 269	4ac.=FKU 4axkeV=48 FePeak.c/s=644 Rast=420"x420" Rast=265"x265" 5/14000 4995/24(Carr.Lon.=351deg Flags=SN #Peaks=1 Step=10" Cad=18 Step=15" Pitch=	XEN=414124 06s 1.024s/pixel +112", Yaw=+696" 400/20000
22:36 23:08 1mpc 22:53:21 23:26:03 Peal 22:53 00:41 Cap Peal 23:15 Waw Type/Intensity: IV// Cy(MHz)/Flux(sfu): 245/Cy(MHz)/Flux(sfu): 245	e=X10	ot Cts=52611 ePeak=22:53 :xp #=17743 :xp #=17743 :xp #=17743	MaxkeV=48 FePeak.c/s=644 Rast=420"x420" Rast=265"x265" 5/14000 4995/24(Flags=SN #Peaks=1 Step=10" Cad=18 Step=15" Pitch= 000 8800/29000 15	XEN=414124 06s 1.024s/pixel +112", Yaw=+696" 400/20000
Type/Intensity: IV/C cy(MHz)/Flux(sfu): 245, D0Y=142 End times 00:32:38 00:32:45 Pea D0Y=142 End times Hav Peak End times Ha. 02:25 02:38 Imp	410/52000 606/5700 84/05/21	00 1415/4500 269 DOY=142	5/14000 4995/240	000 8800/29000 15	400/20000
DOY=142 SMM Pointing: S12E49 Peak End times Qual=00 00:32:38 00:32:45 Peakc/s=87 Qual=01 Wavelength=1526A Qual=01 Peak End times HaClass=SN S09E52 02:25 02:38 Importance=C7 Qual=01 02:19.43 02:38 Importance=C7 Qual=01 02:19.43 02:37:41 Peakc/s=23550 Qual=14		D0Y=142			
DOY=142 SMM Pointing: S12E49 Peak End times Qual=00 00:32:38 00:32:45 Peakc/s=87 Qual=01 Mavelength=1526A Qual=01 Peak End times HaClass=SN S09E52 02:25 02:38 Importance=C7 Qual=01 02:19.43 02:38 Importance=C7 Qual=01 02:19.43 02:37:41 Peakc/s=23550 Qual=14					
DOY=142 Peak Constant			Pitch=+176",Yaw	Pitch=+176", Yaw=+701", Roll=Odeg	H.Ang=50deg
DOY=142 SMM Pointing: Peak End times HaClass=SN 02:25 02:38 Importance=C7 02:10-43 02:37:41 PeakC/s=23650	Qual=00 Qual=01	Tot Cts=189 Exp #=17752	MaxkeV=48 Rast=10"×10"	Step=0" Pitch=	Pitch=+224", Yaw=+635"
Peak End times HaClass=SN 02:25 02:38 Importance=C7 02:10-43 02:37:41 PeakC/s=23650			Pitch=+175",Yaw=+681",	=+681", Roll=Odeg	H.Ang=48deg
02:17 02:25 02:38 Importance=C7 02:19:19 02:19:43 02:37:41 Peak c/s=23650	s=SN S09E52	AR4492	Mac.=FKI	Carr.Lon.=349deg	H.Ang=52deg
UC:13:13 OC:13:13 OC:33:1:1	Qual=01 Qual=14	Tot Cts=1.86E+6	MaxkeV=150	Flags=SG,EG,DG,ND	Q
CaPeak.c/s=78 Qual= 2 Wavelength=1526A Code=00	s=78 Qual= 2 h=1526A Code=00	FePeak=02:21 Exp #=17762	/lonev-n FePeak.c/s=75 Rast=10"x10"	#Peaks=1 Step=0" Pitch=	XEN=414200 Pitch=+7", Yaw=+549"
weeps Type/Intensity: V/1 Frequency(MHz)/Flux(sfu): 245/1300 410/370 606/1200		1415/1200 2695/880 4995/330 8800/87 15400/43	80 4995/330 880	10/87 15400/43	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
02:16:12 02:16:40 02:16:49 Peakc/s=88 Qual=01 02:04	ssociated Qual=01	Event # = /210 Exp #=17760	MaxkeV=48 Rast=10"x10"	Step=0" Pitch=	Pitch=+133",Yaw=+581"

Event # = 7212 84/05/21,03:25 Start	D0Y=142 Peak	End times	SMM Pointing:	S12E47		Pitch=+175", Yaw=+681", Roll=Odeg	/=+681", Rol	1=0deg	H.Ang=48deg
Optical GOFS 02:40		03.57	HaClass=SN	S11E69	AR4494		Carr.Lon.=332deg	=332deg	H.Ang=69deg
HXRBS 04:10:55 BCS 04:10 FCS	04:19 04:19 04:19	04:12:09 04:34	Peakc/s=73 CaPeak.c/s=20 Peak3	Qual=01 Qual=01 Qual= 3	Tot Cts=393 FePeak=04:19	MaxkeV=48 FePeak.c/s=7	#Peaks=1		XEN=414218
0.3	Tvne/I		Wavelength=1526	ď	Exp #=17767	Rast=265"x265"	Step=15"	Pitch=+111", Yaw=+668"	', Yaw=+668"
	Frequency (MHz)/Flux(sfu)		245/20 606/15 1	415/150 26	95/520 4995/580	, 20 606/15 1415/150 2695/520 4995/580 8800/580 15400/410	011		
Event # = 8323 84/05/21,05:35 Start	DOY=142 Peak	Fnd times	SMM Pointing:	\$12E46		Pitch=+174", Yaw=+669", Roll=Odeg	r=+669", Rol]=0deg	H.Ang=47deg
Optical GOES			Code=LPS	N09¥90 01a1≡00	AR4481		Carr.Lon.=129deg	≖129deg	H.Ang≃90deg
	05:35:08	05:35:06 05:35:08 05:35:12 05:29	akc/s=194 velength=152	Qual=01	Tot Cts=578 Exp #=17778	MaxkeV=67 Rast=10"x10"	Flags=I Step=0"	Pitch=+103",Yaw=+635"	, Yaw=+635"
HXRBS 08:19:50 UVSP 08:22	08:20:01		~~	Associated Qual=01 5A	Event # = /213 Tot Cts=130 Exp #=17791	MaxkeV=48 Rast=265"x2	 Step=15"	Pitch=+110"	, Yaw=+638"
XRBS VSP	08:22:57		kc/s=90 elength=152	Associated Qual=01 6A		MaxkeV=48 Rast=265"x265"	Step=15"	Pitch=+110"	. Yaw=+638"
88	08:44:31	. 0	akc/s=92 velength=152	Associated Qual=01 6A	Exp C	MaxkeV=48 Rast=10"x10"	Step=0"	Pitch=+222"	. Yaw=+585"
HXRBS 05:15:41 UVSP 05:13	05:15:50 05:15	05:15:58	A Peakc/s=107 Wavelength=1526A	Associated Qual=01 A	Event # = 8322 Tot Cts=893 Exp #=17776	MaxkeV=67 Rast=10"x10"	Flags=I Step=0"	Pitch=+88",Yaw=+621"	Yaw=+621"
Event # = 20606 84/05/21,11:48 Start	DOY=142	Fnd +imes	SMM Pointing:	S12E42		Pitch=+173", Yaw=+622", Roll=Odeg	=+622", Rol]]=0deg	H. Ang=43deg
Optical Optical GOES 11:35		3	HaClass=SN HaClass=SF Importance=C2	\$13E32 \$11E55 0ual=01	AR4492 AR4494	Mac.=FKI	Carr.Lon.=4deg Carr.Lon.=341deg		H.Ang=34deg H.Ang=55deg
BCS 11:40 UVSP 11:32 Radio Sweeps	11:42 Type/I	:42 II:42 Type/Intensity:	CaPeak.c/s=26 Wavelength=1526A V/1		FePeak=11:42 Exp #=17808	FePeak.c/s=11 Rast=10"x10"	#Peaks=1 Step=0"	dt= 7.7s X Pitch=+101",	XEN=414201 ',Yaw=+610"
Event # = 7217 84/05/21,13:14 Start	D0Y=142 Peak	End times	SMM Pointing:	S12E41		Pitch=+173", Yaw=+611", Roll=Odeg	=+611", Roll		H.Ang=42deg
GOES HXRBS 13:13:58 UVSP 13:21	13:14:36	13:16:01	Peakc/s=118 Wavelength=1526A	Qual=00 Qual=01	Tot Cts=2587 Exp #=17817	MaxkeV=129 Rast=265"x265"	Step=15"	Pitch=+109", Yaw=+605"	, Yaw=+605"

Event # = 7218 84/05/21 13:35	D0Y=142		SMM Pointing:	S12E41		Pitch=+173",Yaw	, Yaw=+611", Roll	,Roll=Odeg	H.Ang=42deg
Start Optical			HaClass=SN	\$10E45	AR4492	Mac.=FKI	Carr.Lon.=350deg	350deg	H.Ang=45deg
GOES 13:24 HXRBS 13:25:09 BCS 13:26	13:35 9 13:26:38 13:32	13:59 13:35:24 13:57	Importance=C2 Peakc/s=1544 CaPeak.c/s=88 Deak3 c/s=615	Qual=01 Qual=01 Qual= 1	Tot Cts=49793 FePeak=13:32	MaxkeV=150 FePeak.c/s=16 Rast=0"x0"	ဟက		XEN=414202 768.0s/pixel
FCS UVSP 13:21 Radio Sweeps	13:3/ 	13:21 Sweeps	Mavelength=1526A C III/1 V/1	Code=00	10gth=1526A Code=00 Exp #=17818 Rast=10"x10" Step V/1	Rast=10"x10"	 -		", Үаw=+583"
	ncy(MHZ)/)00 04/014 14/C47	7 50 1413	.cc+ 01/cc03/11/	1 2 2 /222 CT /			
Event # = 7219 84/05/21,14:05	D0Y=142	1	SMM Pointing:	S12E41		Pitch=+173", Yaw=+611", Roll=Odeg	=+611",Roll	=0deg	H.Ang=42deg
Start Optical		End times	_	S08E44	AR4492	Mac.=FKI	Carr.Lon.=351deg	351deg	H.Ang=44deg
GOES 14:00 HXRBS 14:00:11 BCS 13:58	14:05 1 14:00:25 14:00	14:08 14:00:39 14:00		Qual=02 Qual=01 Qual= 2	FePeak=14:00	MaxkeV=48 FePeak.c/s=13		dt= 7.7s XI	XEN=414205 768 0s/nixel
FCS UVSP 13:51 Radio Freque	13:58 ncy(MHz)/	ux(sfu):	Peak3c/s=131 Wavelength=1526A (1415/11 2695/28 4)	Code=01 4995/36 8	A Code=01 Exp #=17822 4995/36 8800/36 15400/86	Rast=10"x10"	Step=0"	pitch=+101'	, Yaw=+580"
Event # = 2060 84/05/21,15:10	_		SMM Pointing:	S12E40		Pitch=+174", Yaw=+599", Roll=Odeg	=+599", Roll	=0deg	H.Ang=41deg
Start GOES 14:50 BCS 14:55	Peak 15:10 15:00	End times 15:20 15:18	Importance=C1 CaPeak.c/s=25	Qual=01 Qual= 3	FePeak=14:59	FePeak.c/s=16 Rast=120"x60"	#Peaks=1 Step=15"	dt= 7.7s Cad=2998s	XEN=414206 93.70s/pixel
FCS UVSP 14:55 Radio Freque	15:1b ncy(MHz)/	15:10 4:55 Frequency(MHz)/Flux(sfu):	Fedk3(>-3/ Wavelength=1526A Code=00 2695/13	Code=00	Exp #=17826	Rast=10"x10"	Step=0"	A 1	', Yaw=+528"
Event # = 7220 84/05/21,16:21	D0Y=142		SMM Pointing:	S12E40		Pitch=+174", Yaw	, Yaw=+597", Rol	, Roll=Odeg	H.Ang=41deg
Start Optical			HaClass=SN	S07E42	AR4492	Mac.=FKI	Carr.Lon.=351deg	=351deg	H.Ang=42deg
GOES 16:10 HXRBS 16:13:08 BCS 16:12	16:21 8 16:20:47 16:25	16:24 17 16:24:20 16:52	ortand kc/ eak.c/	Qual=03 Qual=03 Qual= 7	Tot Cts=1.29E+5 FePeak=16:18	MaxkeV=67 FePeak.c/s=18		dt= 3.8s	XEN=414207
FCS UVSP 16:15 Radio Sweeps	16:33 Type/	:33 Type/Intensity:	Peak3c/s=449 Wavelength=1526A V/l	Code=00	Exp #=17832	Kast=420"X420" Rast=10"X10"	Step=10" Step=0"	cau=1000s Pitch=+162	1.0245/P1AE
Event # = 7221 84/05/21,16:32		i	SMM Pointing:	S12E40		Pitch=+174", Yaw=+597", Roll=Odeg	=+597", Rol]≖0deg	H.Ang=41deg
Start GOES 16:30 HXRBS 16:32:15 UVSP 16:15	16:32 16:32	16:39 :19 16:33:36	Importance=C4 Peakc/s=114 Wavelength=1526A	Qual=01 Qual=02 Code=01	Tot Cts=1568 Exp #=17832	MaxkeV=48 Rast=10"x10"	Flags=SG Step=0"	Pitch=+162	Pitch=+162",Yaw=+564"

.Ang=40deg	H.Ang≂42deg	+582"	. Ang=40deg	H.Ang=42deg H.Ang≃42deg	+605"		.Ang=43deg	H.Ang=42deg	14208	1.024s/pixel ",Yaw=+507"		.Ang=42deg	H.Ang=41deg	14216	1 1 1 1	.Ang=42deg	H.Ang=41deg H.Ang=47deg	4209	1.024s/pixel ',Yaw=+583"	
H.Ang	H.Ang	.109", Yaw=+582"	H.Ang	H.Ang H.Ang	143", Yaw=+605	•	H.Ang	H.Ang				H.Ang	H.Ang	s XEN=414216	1 1 1	H.Ang	H.Ang=		5s 1.024s 143", Yaw≕	
,Roll=Odeg	ı.=351deg	' Pitch=+109"	, Roll=Odeg	Carr.Lon.=351deg Carr.Lon.=351deg	 Pitch=+143"		, Roll=Odeg	Carr.Lon.=350deg	dt= 7.7s			,Roll=Odeg	=351deg	dt= 7.7s	1 1 1	,Roll=Odeg	Carr.Lon.=350deg Carr.Lon.=344deg		Cad=1806s Pitch=+143"	1,000
, Yaw=+587", Ro	Carr. Lon.	Step=15"	, Yaw=+587", Ro	Carr.Lor Carr.Lor	Flags=SN Step=15"	15400/59	w=+611", Rc	Carr.Lor	#Peaks=2		15400/15	, Yaw=+600", Rc	Carr.Lon.	#Peaks=3	Flags=I	, Yaw=+600", Ro	Carr.Lon	#Peaks=2	Step=10" Step=15"	15400/
Pitch=+174", Ya	Mac.=FKI	MaxkeV=67 Rast=265"x265"	Pitch=+174", Ya	Mac.=FKI	MaxkeV=150 Rast=265"x265"	4995/38 8800/110 1	Pitch=+207", Yaw=+611"	Mac.=FKI		kast=420"x420" Rast=10"x10"	4995/24 8800/18	Pitch=+206", Ya	Mac.=FKI	MaxkeV=48 FePeak.c/s=20	 MaxkeV=48	Pitch=+206", Yaw	Mac.=FKI	FePeak.c/s=40	Kast=420"x420" Rast=265"x265"	A005/320 8800/810 15400/1400
	AR4492	Tot Cts=5014 Exp #=17835		AR4492 AR4492	Tot Cts=12617 Exp #=17839	2695/40		AR4492	Tot Cts=2.59E+5 FePeak=18:07	Exp #=17842	1415/220 2695/140		AR4492	Tot Cts=716 FePeak=20:01	Event # = 8324 Tot Cts=42215		AR4492 AR4494	FePeak=20:56	Exp #=17848	141E/220 260E/210
\$12E39	S08E42	Qual=01 A Code=00	\$12E39	\$08E42 \$08E42		606/17 1415/100	S14E42	S06E42	Qual=01 Qual=1	Code=00	606/19 14:	S14E41	S08E41	Qual=01 Qual= 3	Associated Qual=01	S14E41	S08E41 S10E47	(ual= 5 (ual= 5		606/300
SMM Pointing:	HaClass=SN Importance=C3	Peakc/s=176 Wavelength=1526A	SMM Pointing:	HaClass=1B HaClass=1B	Peakc/s=414 Wavelength=1526A	111/1 245/42 410/15 60	SMM Pointing:	HaClass=1B	Peakc/s=1286 CaPeak.c/s=1113		245/3800 410/59	SMM Pointing:	HaClass=SN	Peak(\$=88 CaPeak.c/\$=88 Peak3c/\$=740	111/1 A Peakc/s=92	SMM Pointing:	HaClass=2B HaClass=1B	CaPeak.c/s=533	Feak3 S-013 Wavelength=1526A 11/1 111/2 V/2	1/1
Fnd times		9 16:46:47	Fnd +impo	17.52	17:50:51	ype/Intensity: (MHz)/Flux(sfu):	Fnd times		7 18:20:19 18:27	intensity.	·lux(sfu):	End times				Fod + imes		23:18		111x(sfii).
D0Y=142 Peak		16:45:5	D0Y=142	17.47	17:46:44	ਨ	D0Y=142 Peak	α.	18:05:3 18:10 18:10	Tvne/1	cy (MHz)/F	DOY=142 Peak	19:44	19:38:52 20:01 19:56	19:57:45	DOY=142	20,00	20:56 20:56 21:16	Tvne/T	CV (MHZ)/F
# = 7222 /21,16:46 Start	16:39	16:4	Event # = 7224 84/05/21,17:47 Start	a] a] 17.42	17:46:33 17	Sweeps Frequen	Event # = 7225 84/05/21,18:11 Start	ical 3 17:57	17:57:34 17:46	18:08 Type/Intensity	Frequen	Event # = 7226 84/05/21,19:44 Start		19:38:29 19:21	3#ceps 	5/21,20:23 5/21,20:23	, ,	20:55	21:14 C1:10 Sweens Type/Intensity	Frequent
Event # = 84/05/21, St	Optic GOES	HXRBS UVSP	Event 84/05	Optical Optical	HXRBS	Radio	Event 84/05	Optic GOFS	HXRBS BCS SCS SCS	UVSP	Radio	Event 84/05,	Optic GOES	HXRBS PCS PCS PCS PCS PCS PCS PCS PCS PCS PC	HXRBS	Event 84/05/	Optical Optical	BCS.	UVSP	Radio

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				84/05/22	D0Y=143				
Event # = 20650 84/05/22,00:39	8		SMM Pointing:	S14E38		Pitch=+205", Yaw	, Yaw=+569", Roll	,Roll=Odeg	H.Ang=40deg
Start GOES 00:14 UVSP 00:37	Peak 00:39	End times 00:59	CaPeak.c/s=22 Wavelength=1526A	Qual=00 Qual= 1	FePeak=00:18 Exp #=17864	FePeak.c/s=8 Rast=10"x10"	#Peaks=1 Step=0"	XEN=414300 Pitch=+224", Yaw=+447"	XEN=414300 , Yaw=+447"
Event # = 20609 84/05/22,02:56		1	SMM Pointing:	S14E37		Pitch=+206", Yaw=+557",	=+557", Roll	,Roll=Odeg	H.Ang=39deg
Start Optical	Peak	End times	HaClass=SB	S09E31	AR4492	Mac.=FAI	Carr.Lon.=357deg	=357deg	H.Ang=32deg
GOES 02:49 BCS 03:13	02:56 03:14	03:05 03:23	Importance=C5 CaPeak.c/s=40	Qual=05 Qual= 5	FePeak=03:14	FePeak.c/s=10 Ract=0"x0"	#Peaks=1 Sten=0"	Cad=3840s	XEN=414312 3840s/pixel
	03:15 Frequency(MHz)/Flux(sfu)	••	redk3C/3-30 Wavelength=1526A 2695/64 4995/72 8	8800/35 15	A Exp #=17874 8800/35 15400/40	Rast=265"x265"	Step=15"	Pitch=+141"	, Yaw=+540"
Event # = 20610 84/05/22,04:41	D0Y=143		SMM Pointing:	S14E36		Pitch=+205", Yaw	, Yaw=+546", Rol	,Roll=Odeg	H.Ang=38deg
Start Optical Optical	Реак	End times	HaClass=SB HaClass=SN	S08E37 S09E51	AR4492 AR4494	Mac.=FAI	Carr.Lon.=350deg Carr.Lon.=336deg		H.Ang=37deg H.Ang=51deg
GOES 04:38 BCS 04:48	04:41 04:48	04:49 04:55	Importance=C3 CaPeak.c/s=29	Qual=05 Qual= 5	FePeak=04:52	FePeak.c/s=8	#Peaks=1	Cad=3840c	
0	04:50 4:50 Frequency(MHz)/Flux(sfu)		Peak3c/s=2b Wavelength=1526A 2695/5 4995/9 88	Code=02 00/18 154(5C/S=20 ength=1526A Code=02 Exp #=17882 '5 4995/9 8800/18 15400/17	Rast=265"x265"	Step=15"	Pitch=+141"	, Yaw=+529"
Event # = 7229 84/05/22,05:06	D0Y=143	- 1	SMM Pointing:	S14E35		Pitch=+205", Yaw	, Yaw=+534", Rol	, Roll=Odeg	H.Ang=37deg
Start Optical	Peak	End times	HaClass=SB	\$09E32	AR4492	Mac.=FAI	Carr.Lon.=354deg	=354deg	H.Ang=33deg
GOES 05:01 HXRBS 05:06:02 BCS 05:05 UVSP 05:06	05:06 2 05:06:10 05:05	05:08 05:06:25 05:07	rtance=C2 c/s=181 ak.c/s=21 length=1526	Qual=01 Qual=01 Qual= 1 Code=02	Tot Cts=704 FePeak=05:05 Exp #=17885	MaxkeV=108 FePeak.c/s=8 Rast=10"x10"	#Peaks=2 Step=0") Pitch=+223",	XEN=414318 ", Yaw=+430"
HXRBS 05:05:18 UVSP 05:04		05:05:38 05:06:00	A Peakc/s=118 Wavelength=1526A	Associated Qual=01 A	Event # = /228 Tot Cts=674 Exp #=17884	MaxkeV=67 Rast=265"x265"	Step=15"	Pitch=+141",Yaw=+527	', Yaw=+527"
Event # = 8326 84/05/22,06:38	1		SMM Pointing:	S14E35		Pitch=+205", Yaw=+523"	/=+523", Rol	,Roll=Odeg	H.Ang≃36deg
Start Optical		End times		S08E36	AR4492	Mac.=FAI	Carr.Lon.=350deg	=350deg	H.Ang≃36deg
GOES 06:26 HXRBS 06:29:50 BCS 06:22	06:38 0 06:31:25 06:38	06:49 5 06:42:16 07:00	Importance=Ml Peakc/s=653 CaPeak.c/s=850 Deak3 c/s=26	Qual=01 Qual=01 Qual= 1	Tot Cts=1.51E+5 FePeak=06:38	MaxkeV=196 FePeak.c/s=424 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 7.7s Cad=3840s	XEN=414320 3840s/pixel
0	6:24 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1526/ 245/54 410/6 606	Code=00 715 1415/	Wavelength=1526A Code=00 Exp #=17891 Rast=10"x10" S 245/54 410/6 606/15 1415/18 2695/8 4995/13 8800/16 15400/20	Rast=10"x10" 3 8800/16 15400,	Step=0" /20	Pitch=+88"	, Yaw=+435"

	vent # = 20612 4/05/22,08:04 Start	DOY=143	Fnd times	SMM Pointing:	S14E34		Pitch=+205", Yaw	, Yaw=+511", Rol	, Roll=Odeg	H. Ang=35deg
Wave ength=1526A Code=00		08:04 08:05	:07 :09 :09		S08E35 Qual=01 Qual= 1	AR4492 FePeak=08:05	Mac.=FAI FePeak.c/s=12		75	H.Ang=35deg XFN=414325
End times Hac. Class=S8 S09E34 O8:29		08:04 y(MHz)/F		Peak3c/s=27 Wavelength=1526A 245/73 410/13		Exp #=17899	Rast=420"x420" Rast=10"x10"		Cad=1806s Pitch=+88"	1.024s/pixel Yaw=+424"
08:24 08:29 Macchannes Macc			Fnd +imac	S.	S14E34		Pitch=+205", Yaw	=+511", Rol]=0deg	H.Ang=35deg
Second Color		08:24	S S	HaClass=SB Importance=C1	S09E30 0ual=01	AR4492	Mac.=FAI	Carr.Lon.	=355deg	H.Ang=31deg
End times HaClass=SB S09E34		38:23 38:22		Capeak.c/s=26 Peak3c/s=19 Wavelength=1526A		FePeak=08:23 Exp #=17901	FePeak.c/s=6 Rast=420"x420" Rast=10"x10"	#Peaks=3 Step=10" Step=0"	dt= 7.7s Cad=1806s Pitch=+223	XEN=414326 1.024s/pixel ',Yaw=+407"
Harmonian Harm		DOY=143	End times	Pointing	S14E33		Pitch=+204", Yaw	=+500", Roll]=0deg	H.Ang=35deg
Capeak.c/s=95		70 · 30		HaClass=SB	S09E34	AR4492	Mac.=FAI	Carr.Lon.=	=350deg	H.Ang=35deg
End times HaClass=SN Gual=01 II:16 Peakc/s=145 Qual=01 II:17 Peakc/s=125 Qual=01 II:18 Peakc/s=145 Qual=01 II:17 Peakc/s=125 Qual=01 II:17 Peakc/s=145 Qual=01 II:18 Rast=10"x10" Step=0" Pitch=+204", Yaw=+465", Roll=0deg II:18:18 II:19 Peakc/s=145 Qual=06 II:18 Rast=10"x10" II:10		9:31 9:33 (MHz)/F		Importance-cz CaPeak.c/s=95 Peak3c/s=35 Wavelength=1526A 245/350 410/33 60	Qual= 5 Qual= 5 Code=02)6/15 141	ak=09:3 #=17906 2695/7	FePeak.c/s=16 Rast=0"x0" Rast=265"x265" /8 8800/11	#Peaks=1 Step=0" Step=15"	Cad=3840s Pitch=+141'	XEN=414329 3840s/pixel ', Yaw=+494"
Harring Harr	1 4 4	143 107=143	1	SMM Pointing	S14E32		Pitch=+204", Yaw	=+490", Roll	=0deg	H.Ang=34deg
11:14:39 Peakc/s=89 Qual=01 Tot Cts=1230 MaxkeV=67 CaPeak.c/s=145 Qual= 1 FePeak=11:14 FePeak.c/s=36 #Peaks=1 Rast=420'x420" Step=10" Cad=1806s Mavelength=1526A Code=00 Exp #=17915 Rast=10"x10" Step=0" Pitch=+222' End times SMM Pointing: S14E30 Pitch=+205", Yaw=+465", Roll=0deg Qual=06 Exp #=17931 Rast=10"x10" Step=0" Pitch=+223" End times SMM Pointing: S14E30 Pitch=+204", Yaw=+463", Roll=0deg Qual=06 Qual=06 Exp #=17931 Rast=10"x10" Step=0" Pitch=+223" Havelength=1526A Qual=06 Exp #=17931 Rast=10"x10" Step=0" Pitch=+223"		1:14			S08E33	AR4492	Mac.=FAI	Carr.Lon.=	-350deg	H.Ang=33deg
End times SMM Pointing: S14E30		1:13:52 1:14 1:15	11:14:39 11:17	Peakc/s=89 CaPeak.c/s=145 Peak3c/s=25 Wavelength=1526A	Qual=01 Qual= 1 Code=00		MaxkeV=67 FePeak.c/s=36 Rast=420"x420" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	Cad=1806s Pitch=+222"	XEN=414332 1.024s/pixel Yaw=+371"
14:26:41 Peakc/s=84 Qual=01 Tot Cts=761 Maxkev=48 Wavelength=1526A Exp #=17931 Rast=10"x10" Step=0" Pitch=+223" End times Qual=06 Pitch=+204", Yaw=+463", Roll=0deg Qual=06 Maxkev=48 Pitch=+204", Yaw=+463", Roll=0deg Qual=06 Wavelength=1526A Exp #=17931 Rast=10"x10" Step=0" Pitch=+223"	1 630	10Y=143	, +	}	S14E30		Pitch=+205", Yaw	=+465", Roll		H. Ang=32deg
End times		4:25:49	14:26:41		Qua]=06 Qua]=01		MaxkeV=48 Rast=10"x10"	Step=0"	Pitch=+223"	, Yaw=+347"
14:33:44 Peakc/s=95 Qual=06 Wavelength=1526A Exp #=17931 Rast=10"x10" Step=0"		00Y=143	Fnd +imes	Pointing	S14E30		Pitch=+204", Yaw=	-+463", Roll	=0deg	H. Ang=32deg
		4:31:55	14:33:44	c/s=95 ength=1526A	Qual=06 Qual=01	Exp #=17931		Flags=ND Step=0"	Pitch=+223"	, Yaw=+347"

Event # = 84/05/22,1	t # = 7232 5/22,15:03	D0Y=143		SMM Pointing:	S14E30		Pitch=+205", Yaw	, Yaw=+462", Roll=0deg		H.Ang=32deg	
_		Peak	nd times	HaClass=28	S09E24	AR4492	Mac.=FAI	Carr.Lon.=357deg		H.Ang=25deg	
GOES 14:	14:50 14:52:07	15:03 14:57:01	15:21 15:12:11	importance=mo Peakc/s=8748	Qual=03 Qual=03	Tot Cts=1.72E+6	MaxkeV=402	Flags=M,EN,FS	FS		
	:57:00	15:01	16:22	CaPeak.c/s=3152	Qual= 1	FePeak=15:00	FePeak.c/s=1117	#Peaks=2 S+en=10"	(3/26 = hr	XEN=414334	
	:05	11:61		Wavelength=1526A	Code=00	Exp #=17937	Rast=10"x10"	Step=0"	Pitch=+163",	, Yaw=+386"	
	eps requenc	Sweeps Type/Intensi Frequency(MHz)/Flux(sf	ntensity: lux(sfu):	IV/2 245/690 410/190 606/250	506/250 1	1415/250 2695/560	4995/730 8800/690 15400/470	90 15400/470			
Event # = 723 84/05/22,15:5	7233 15:57	D0Y=143	# + TO C	SMM Pointing:	S14E29		Pitch=+205", Yaw=+452", Roll=0deg	r=+452", Roll=0		H.Ang=32deg	
GOES HXRBS 15: UVSP 15:	art :57:39 :52		15:	Peakc/s=66 Wavelength=1526A	Qual=00 Qual=01	Exp #=17939	MaxkeV=48 Rast=10"x10"	Step=0" Pi	Pitch=+178",Yaw=+365"	, Yaw=+365"	
Event # = 84/05/22,]	# = 7234 22, 16:03	DOY=143	End +imos	SMM Pointing:	S14E29		Pitch=+205", Yaw=+452", Roll=0deg	/=+452", Roll=0		H.Ang≈32deg	
GOES HXRBS 16: UVSP 15:	ar t :03:45 :52		16:04:	Peakc/s=77 Wavelength=1526A	Qual=00 Qual=01	Exp #=17939	MaxkeV=48 Rast=10"x10"	Step=0" Pi	itch=+178"	Pitch=+178",Yaw=+365"	
Event # = 84/05/22,1	20641 16:28	DOY=143	9	SMM Pointing:	S14E29		Pitch=+205", Yaw=+452", Roll=Odeg	/=+452", Roll=0		H.Ang=32deg	
Start GOES 16:23 BCS 16:23 UVSP 16:06	:23 :23 :06	reak 16:28 16:27	End Cilles 16:35 16:27	Importance=C2 CaPeak.c/s=29 Wavelength=1526A	Qual=02 Qual= 2 Code=01	FePeak=16:27 Exp #=17941	FePeak.c/s=10 Rast=10"x10"	#Peaks=1 Step=0" Pi) Pitch=+88",	XEN=414337 ', Yaw=+378"	
Event # = 7235 84/05/22,17:40	7235 17:40	D0Y=143		SMM Pointing:	S14E29		Pitch=+205", Yaw=+440", Roll=Odeg	/=+440", Roll=C		H.Ang=31deg	
Optical Optical	art	reak Se			S14E53 S09E23	AR4496 AR4492	Mac.=AXX	Carr.Lon.=327deg Carr.Lon.=357deg		H.Ang=54deg H.Ang=24deg	
GOES 17 HXRBS 17 BCS 17 UVSP 17	:34 :44:07 :38 :26	17:40 17:44:12 17:38	17:46 : 17:44:20 : 17:39	Importance=Cl Peakc/s=93 CaPeak.c/s=19 Wavelength=1526A	Qual=01 Qual=01 Qual= 1 Code=00	FePeak=17:38 Exp #=17945	MaxkeV=48 FePeak.c/s=11 Rast=10"x10"	#Peaks=1 Step=0" Pi) Pitch=+223",	XEN=414338 ', Yaw=+323"	
	7601				84/05/23	3 D0Y=144					
Event # = 84/05/23,0	7235 01:46	00Y=144	• • • • • • • • • • • • • • • • • • •	SMM Pointing:	S14E24		Pitch=+204", Yaw=+378", Roll=Odeg	v=+378", Roll=(H.Ang=27deg	
GOES 01 HXRBS 01 Radio FI	art :43 :43:19 requent	01:46 01:43:38 01:43:76 cy(MHz)/F	Start Free Coll. 1 Coll. 2 Col	Importance=B5 Peakc/s=99 410/100 606/18	Qual=01 Qual=01 8800/7 15400/13	00/13	MaxkeV=67				

Event 4 84/05/2	Event # = 7237 84/05/23,02:59	DOY=144	Fnd +impo	SMM Pointing:	S14E23		Pitch=+203", Yaw	, Yaw=+365", Rol	, Roll=Odeg	H. Ang=26deg
Optical GOES	02:54	02:59	.04	HaClass=SN	S08E18	AR4492	Mac.=FHI	Carr.Lon.=356deg	≖356deg	H.Ang=19deg
HXRBS BCS FCs	02:56:23 02:57	02:56:47 02:58 02:58	02:57:34 03:02	Peakc/s=128 CaPeak.c/s=59	Qual=01 Qual=01 Qual= 1	Tot Cts=1426 FePeak=02:58	MaxkeV=48 FePeak.c/s=13		dt= 3.8s	XEN=414400
UVSP Radio	03:21 Frequen	uency(MHz)/Flux(sfu)		Fedk3C/S=21 Wavelength=1524A 410/28 606/60 26	5/4	Exp #=17968 4995/9 8800/15 15400/	Kast=300"x300" Rast=265"x265" 00/6	Step=10" Step=15"	Cad= 922s Pitch=+139	1.024s/pixel ",Yaw=+355"
Event # 84/05/2	Event # = 7238 84/05/23,05:12	DOY=144	+ + 	SMM Pointing:	\$14622		Pitch=+203", Yaw	, Yaw=+347", Rol	, Roll=0deg	H.Ang=25deg
Optical GOFS (Jtai t 05:00	reak 05:12	1 CIIIES	HaClass=18	\$08E24	AR4492	Mac.=FHI	Carr.Lon.=349deg	=349deg	H.Ang=25deg
HXRBS BCS FCS	05:09:17 04:51	05:11:12 05:12 05:12	05:17:41 05:22	Peakc/s=5875 (CaPeak.c/s=1409 (Qual=01 Qual=1	Tot Cts=2.18E+5 FePeak=05:12	+5 MaxkeV=172 FePeak.c/s=327	Flags=M #Peaks=3	dt= 7.7s	XEN=414413
UVSP Radio	04:57 Frequency(MHz)/I	cy (MHz)/F	Flux(sfu):	Wavelength=1526A 245/75 410/830 6	Code=00 06/140 14	6 Code=00 Exp #=17977 606/140 1415/86 2695/84	Rast=10"x10" Rast=10"x10" 4995/340 8800/200		cad=1806s Pitch=+86",	1.024s/plxel ,Yaw=+230"
Event # 84/05/2	Event # = 7239 84/05/23,06:03	DOY=144	End +imos	SMM Pointing:	S14E22		Pitch=+203", Yaw	, Yaw=+347", Roll≂Odeg	1=0deg	H.Ang=25deg
GOES HXRBS UVSP Radio S	06:03:36 06:01 Sweeps	7508:03:47 06:0 Type/Intens	D6:04:12 ntensity:	Peakc/s=63 Wavelength=1526A III/1	Qua]=00 Qua]=01	Exp #=17981	MaxkeV=67 Rast=10"x10"	Step=0"	Pitch=+86",Yaw=+252"	,Yaw=+252"
Event # 84/05/2		DOY=144	Fnd times	SMM Pointing:	S14E19		Pitch=+204", Yaw	, Yaw=+300", Roll=0deg	1=0deg	H.Ang=22deg
GOES HXRBS UVSP	GOES 11:20 HXRBS 11:22:04 UVSP 11:16	11:26 11:22:36	11:30 11:22:55	Importance=B5 Peakc/s=99 Wavelength=1526A	Qual=01 Qual=01 Code=00	Tot Cts=1002 Exp #=18009	MaxkeV=67 Rast=10"x10"	Step=0"	Pitch=+101"	", Yaw=+223"
Event # 84/05/2	Event # = 7241 84/05/23,12:18 Start	DOY=144	End times	SMM Pointing:	S14E18		Pitch=+203", Yaw	, Yaw=+286", Roll=0deg	1=0deg	H.Ang=22deg
Optical GOES	12:14	12:18	12:28	HaClass=SN Importance=C2	\$12E12 Oual=04	AR4492	Mac.=FHI	Carr.Lon.=357deg	=357deg	H.Ang=16deg
HXRBS BCS FCS UVSP Radio	12:16:38 12:17:2 12:16 12:20 12:18 12:28 12:18 Frequency (MHz)/	12:17:28 12:20 12:28 cy (MHz)/F	12:20:29 12:32 lux(sfu):	Peakc/s=170 CaPeak.c/s=122 Peak3c/s=558 Wavelength=1526A 4995/19 8800/48 1	Qual=01 Qual= 4 A Code=02 15400/19	Tot Cts=6143 FePeak=12:19 Exp #=18012	MaxkeV=67 FePeak.c/s=26 Rast=300"x300" Rast=265"x265"	#Peaks=1 Step=10" Step=15"	dt= 3.8s Cad= 922s Pitch=+139"	XEN=414406 1.024s/pixel ", Yaw=+281"
Event # 84/05/2	= 7242 3,12:57 Start	DOY=144 Peak	End times	SMM Pointing:	S14E18		Pitch=+203", Yaw=+286", Roll=Odeg	=+286", Rol	1=0deg	H.Ang=22deg
GOES HXRBS BCS UVSP Radio	12:51 12:52:43 12:51 12:49 Frequenc	12:57 12:53:37 12:53 :y(MHz)/F	12:51 12:57 13:04 12:52:43 12:53:37 12:55:02 12:51 12:53 13:01 12:49 Frequency(MHz)/Flux(sfu):	Importance=C1 Peakc/s=76 CaPeak.c/s=22 Wavelength=1526A 245/99	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=965 FePeak=12:53 Exp #=18017	MaxkeV=48 FePeak.c/s=9 Rast=10"x10"	#Peaks=1 Step=0"	XEN=414407 Pitch=+191",Yaw=+180"	XEN=414407 ', Yaw=+180"
		-								

The second section of the second seco

84/05/23,23:52	D0Y=144		SMM Pointing:	S14E11		Pltcn=+204", raw	Pitch=+204", Yaw=+1//", Koll=Udeg	ζ.	525/T_6:1V*L
Start ptical		Шes	HaClass=18	S11W02	AR4492	Mac.=FHI	Carr.Lon.=5deg	H.A	H.Ang=10deg
	23:52 23:46:24 23:50 23:54	2:14 1:14	<pre>importance=U5 Peakc/s=175 CaPeak.c/s=138 Peak3c/s=78</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=12366 FePeak=23:51	MaxkeV=67 FePeak.c/s=36 Rast=0"x0"	#Peaks=1 dt= 3.8s Step=0" Cad= 768s		XEN=414414 768.0s/pixel
kadio Sweeps Radio Frequen	Sweeps Type/Incers Frequency(MHz)/Flux(s	fu):	245/340 410/150	606/140 14	15/1				
0101				84/05/24					
Event # = /249 84/05/24,05:39	DOY=145	the times	SMM Pointing:	S14E08		Pitch=+202",Yaw	,Yaw=+125",Roll=Odeg	H.	H.Ang=14deg
ptical ptical	ירמא מי	<u> </u>	HaClass=SF	S14E08	AR4492	Mac.=FA0	Carr.Lon.=352deg		H.Ang=15deg
GOES 05:3/ HXRBS 05:37:38 BCS 05:38 FCS Frequen	05:37 05:39 05:37:38 05:37:51 05:38 05:38 05:38 Frequency(MHz)/F	05:38:15 05:39 1ux(sfu):		Qual=01 Qual=1 15400/20	Tot Cts=3523 FePeak=05:38	MaxkeV=67 FePeak.c/s=10 Rast=180"x180"	Flags=I #Peaks=1 Step=10" Cad=	332s 1.C	XEN=414500 1.024s/pixel
Event # = 8329 84/05/24,05:51	D0Y=145	4	SMM Pointing:	S14E08		Pitch=+202",Yav	Pitch=+202", Yaw=+125", Roll=Odeg	н.	H.Ang=14deg
Start GOES 05:49 HXRBS 05:50:17	Peak 05:51 '05:50:55	End times 06:00 05:52:33	Importance=B9 Peakc/s=75	Qua1=01 Qua1=01	Tot Cts=7055	MaxkeV=48	Flags=I		
Event # = 20615 84/05/24,06:25	8		SMM Pointing:	S14E07		Pitch=+204", Yav	, Yaw=+115", Roll=Odeg	H./	H.Ang=14deg
()	Peak	times	HaClass=SF	S07E10	AR4492	Mac.=FA0	Carr.Lon.=349deg		H.Ang=11deg
GOES 06:22 BCS 06:22 FCS	06:25 06:25 06:25	06:29 06:26	Importance=Cl CaPeak.c/s=25 Peak3c/s=47	Qual=01 Qual= 1	FePeak=06:25	FePeak.c/s=9 Rast=180"x180"	#Peaks=2 dt= 7.7s Step=10" Cad= 664s		XEN=414501 2.048s/pixel
Event # = 20616 84/05/24,10:22	D0Y=145	1	SMM Pointing:	S14E05		Pitch=+203", Ya	Pitch=+203", Yaw=+79", Roll=Odeg	H.,	H.Ang≕l3deg
ptic		End times	HaClass=1N	S07E10	AR4492	Mac.=FA0	Carr.Lon.=347deg		H.Ang=11deg
GOES BCS 10:22	10:22	10:29	CaPeak.c/s=21	Qual=00 Qual= 1	FePeak=10:22	FePeak.c/s=11	#Peaks=1	XEI	XEN=414502
Event # = 7250 84/05/24,12:49	D0Y=145		SMM Pointing:	S14E04		Pitch=+203", Ya	', Yaw=+66", Roll=0deg	H.	H.Ang=13deg
Start Optical		E E	HaClass=SN	S11W01	AR4492	Mac.=FA0	Carr.Lon.=357deg		H.Ang=10deg
GOES 12:44 12:49 HXRBS 12:46:53 12:47: BCS 12:47 12:49 FCS 12:48	12:49 3 12:47:31 12:49 12:48	12:53 12:49:58 12:50	Importance=[1	Qual=U3 Qual=01 Qual= 3 Qual= 3	Tot Cts=6408 FePeak=12:49	MaxkeV=88 FePeak.c/s=23 Rast=180"x180"	#Peaks=1 dt= 3.8s Step=10" Cad= 664s		XEN=414504 2.048s/pixel

Event # = 7251 84/05/24,14:10		ì	SMM Pointing:	S14E03		Pitch=+203", Yaw	, Yaw=+52", Roll=Odeg	=0deg	H.Ang=13deg
GOES 14:07 HXRBS 14:09:09	14:10 14:09:22		Importance=B7 Peakc/s=61	Qual=01 Qual=01		MaxkeV=48			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				84/02/25	5 D0Y=146				
event # = 725 84/05/25,02:23 Start	DOY=146 Peak	Fnd times	SMM Pointing:	S14W06		Pitch=+206", Yaw=-102", Roll=Odeg	/=-102", Rol	l=0deg	H.Ang=14deg
GOES HXRBS 02:23:05 UVSP 02:20		02:23:	Peakc/s=79 Wavelength=1524A	Qual=00 Qual=01 A	Exp #=18043	MaxkeV=48 Rast=30"x30"	Step=0"	Pitch=+104"	", Yaw=-71"
Event # = 7269 84/05/25,04:26 Start	DOY=146 Peak	End times	SMM Pointing:	S14W07		Pitch=+206", Yaw	, Yaw=-116", Roll	, Roll=Odeg	H.Ang=14deg
ptical OFS 04:19		04.29	HaClass=1N	S08W03	AR4492	Mac.=FAI	Carr.Lon.=350deg	-350deg	H.Ang=7deg
HXRBS 04:21:19 BCS 04:22	04:23:06	04:24:00 04:31	Peak/s=614 (CaPeak.c/s=116 (Qual=01 Qual= 1	Tot Cts=6352 FePeak=04:25	MaxkeV=129 FePeak.c/s=20		dt= 3.8s	XEN=414600
0	04:29 4:25 Frequency(MHz)/Flux(sfu)		Peak3c/s=85 Wavelength=1524 4995/12 8800/10	A Code=00	Exp #=18054	Rast=0"x0" Rast=285"x285"	Step=0" Step=15"	Cad= 768s 7 Pitch=+142",	768.0s/pixel ",Yaw=-128"
,00	04:25:22		Peakc/s=166 Wavelength=1524A	Associated Qual=01 4A	Event # = 7270 Fot Cts=3380 Exp #=18053	MaxkeV=67 Rast=30"x30"	Step=0"	Pitch=+104"	
Event # = 7271 84/05/25,07:11	D0Y=146	+	SMM Pointing:	S14W09		Pitch=+206", Yaw	, Yaw=-144", Roll	, Roll=0deg	H.Ang=15deg
otical DFS 06.59		₃ ;	HaClass=SF	S06W04	AR4494	Mac.=050	Carr.Lon.=350deg	:350deg	H. Ang=6deg
HXRBS 07:15:43 UVSP 07:05	07:15:52	2 07:15:59	Peakc/s=69 Wavelength=1524A	Qual=01 A Code=00	Tot Cts=121 Exp #=18067	MaxkeV=67 Rast=30"x30"	Step=0"	Pitch=+74",	, Yaw=-203"
Event # = 7272 84/05/25,08:42 Start	DOY=146 Peak	End times	SMM Pointing:	S14W10		Pitch=+206", Yaw	, Yaw=-158", Roll	, Roll=Odeg	H.Ang=16deg
Optical GOES 08:37		09:03	HaClass=SB	S07W07	AR4492	Mac.=FAI	Carr.Lon.=352deg	352deg	H.Ang=9deg
	8:38:37 08:39:57 08:45:1 8:39 Frequency(MHz)/Flux(sfu)	o	Peakc/s=1882 (Wavelength=1524A (410/22 606/27 1415	Qual=01 Qual=01 A Code=00 415/71 2699	32 Qual=01 Tot Cts=1.55E+5 MaxkeV=219 24A Code=00 Exp #=18075 Rast=30"x30" 1415/71 2695/46 4995/84 8800/130 15400/94	MaxkeV=219 Rast=30"x30" 3/130 15400/94	Flags=FS Step=0"	Pitch=+89",	, Yaw=-67"
HXRBS 08:45:23	08:47:17	08:51:56	Peakc/s=519	Associated Qual=01	Event # = 7273 Tot Cts=39111	MaxkeV=129	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1
Event # = 7274 84/05/25,15:03 Start	DOY=146	Fnd times	SMM Pointing:	S14W13		Pitch=+206", Yaw	, Yaw=-212", Roll	, Roll=Odeg	H.Ang=18deg
otical DFS 14:55		15:19	HaClass=1N	\$12W20	AR4492	Mac.=FAI	Carr.Lon.=1deg	1deg	H.Ang=23deg
HXRBS 14:59:40 BCS 14:57 FCS Radio Sweeps	155	15:01:00 15:12 tensity:	Peakc/s=89 CaPeak.c/s=90 Peak3c/s=30 V/1	Qual=01 Qual= 1	Tot Cts=1230 FePeak=15:02	MaxkeV=48 FePeak.c/s=21 Rast=420"x420"	#Peaks=2 Step=10"	dt= 3.8s Cad=1806s	XEN=414602 1.024s/pixel
, 1	•	.	- 11						

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Event # = /2/5 84/05/25,16:35	D0Y=146	•	SMM Pointing:	S14W14		Pitch=+206", Yaw	Pitch=+206",Yaw=-224",Roll=0deg	H.Ang=19deg
Start GOES HXRBS 16:35:26		End times 16:35:52	Peakc/s=77	Qual=00 Qual=01	Tot Cts=196	MaxkeV=48		
Event # = 7276 84/05/25,20:02 Start	00Y=146 Peak	End times	SMM Pointing:			03"	, Yaw=-250", Roll=0deg	H.Ang=20deg
Optical GOES 19:56 HXRBS 19:57:15 BCS 19:59 FCS Radio Frequen	20:02 19:58:1 20:01 20:00 cv(MHz)/	20:09 0 19:59:17 20:01 Flux(sfu):	HaClass=1N Importance=C2 PeakC/s=235 CaPeak.c/s=30 Peak3c/s=64 2695/20 4995/18	S07¥00 Qua]=02 Qua]=03 Qua]= 3	AR4494 Tot Cts=5378 FePeak=20:01	Mac.=DSO MaxkeV=67 FePeak.c/s=9. Rast=0"x0"	Carr.Lon.=339deg Flags=EG #Peaks=1 dt= 7.7s Step=0" Cad= 768s	H.Ang=bdeg x XEN=414603 3s 768.0s/pixel
# = 832 /25,21:3)Y=14		SMM Pointing:	S14W17		Pitch=+207", Yaw	Pitch=+207", Yaw=-270", Roll=0deg	H.Ang=21deg
	Peak	End times	HaClass=1B	\$11W24	AR4492	Mac.=FAI	Carr.Lon.=2deg	H.Ang=26deg
GOES 21:26 21 HXRBS 21:29:53 21 BCS 21:29 21 FCS 21:29 21 Radio Sweeps Radio Frequency(:33 :30:1 :32 :30 Type/ MHz)/	21:39 6 21:31:08 21:40 Intensity: Flux(sfu):	Importance=C5 Peakc/s=119 CaPeak.c/s=152 Peak3c/s=64 III/2 V/2 245/140 410/13;	Qual=01 Qual=01 Qual= 3 2695/15	Tot Cts=5347 FePeak=21:31	MaxkeV=67 FePeak.c/s=32 Rast=0"x0"	Flags=I #Peaks=1 dt= 7.7s Step=0" Cad= 768s	s XEN=414604 3s 768.0s/pixel
				84/05/26	6 DOY=147	Marketon manuscript of the standard base of the British of the standard base of the standard		
Event # = 7277 84/05/26,01:46	D0Y=147	1	SMM Pointing:	S14W19		Pitch=+207", Yaw	, Yaw=-306", Roll=0deg	H.Ang=23deg
_	Peak	a 4	HaClass=SN	S13W22	AR4492	Mac.=FKI	Carr.Lon.=357deg	H.Ang=25deg
GOES 01:42 HXRBS 01:43:38 BCS 01:44 FCS	01:45 01:44:1 01:45 01:46	01:56 5 01:46:02 01:53	Importance=69 Peakc/s=81 CaPeak.c/s=29 Peak3c/s=16	Qual=01 Qual=01 Qual= 1	FePeak=01:45	MaxkeV=48 FePeak.c/s=10 Rast=180"x180"	#Peaks=2 Step=10" Cad= 332	XEN=414700 2s 1.024s/pixel
Event # = 7278 84/05/26,12:48	DOY=147	the transfer of the transfer o	SMM Pointing:	S14W25		Pitch=+208", Yaw=-396",	/=-396", Roll=0deg	H.Ang=28deg
GOES HXRBS 12:47:25	12:48:1	20	Peakc/s=91	Qual=00 Qual=01		MaxkeV=108	Flags=AX	
Event # = 7279 84/05/26,13:25	D0Y=147		SMM Pointing:	S14W25		Pitch=+208", Yaw	, Yaw=-396", Roll=Odeg	H.Ang=28deg
Optical	reak	רבים בניים	HaClass=1B	S14W31	AR4492	Mac.=FKI	Carr.Lon.=360deg	H.Ang=33deg
GUES 13:13 HXRBS 13:15:26 BCS 13:16	6 13:19:04 13:23	13:24:57 13:24:57 13:38	Importance=t5 Peakc/s=195 CaPeak.c/s=171	Qual=01 Qual=01 Qual= 1	Tot Cts=10481 FePeak=13:23	MaxkeV=67 FePeak.c/s=39	#Peaks=1 dt= 3.8s	s XEN=414703
7	\sim	:	Feak3(/s=641 Wavelength=1524A 245/130 410/27 606/47 1415/19	4 606/47 141	#=18104 2695/34	Rast=285"x285" Step=15" 4995/30 8800/6 15400/16		Pitch=+144",Yaw=-415"

Event # = 84/05/26.	7280	D0Y=147		SMM Pointing:	S14W28		Ditch=+208" Yaw	Yaw=_432" Roll=Oded	=0dea	H And=30ded
Start GOES 17:55 HXRBS 17:57:37 UVSP 17:58 Radio Sweeps	art :55 :57:37 :58 :eps	Peak 18:01 17:58:51 Type/I	ak End times :01 18:10 :58:51 17:59:30 Type/Intensity:	ortance=Cl kc/s=130 elength=1524A /2		Tot Cts=2218 Exp #=18117	MaxkeV=88 Rast=30"x30"	Flags=ES Step=0"	Pitch=+92",Yaw=-420"	Yaw=-420"
Event # = 20618 84/05/26,19:10 Start Optical	20618 19:10 art	D0Y=147 Peak	End times	<u> </u>	S14W29 S10W22	AR4492	Pitch=+209", Yaw=-446", Roll=Odeg Mac.=FKI Carr.Lon.=348de	446", Roll	=0deg =348dea	H.Ang=31deg H.Ang=24deg
Optical 60ES 19 8CS 19 FCS UVSP 19	:00	19:10 19:09 19:08	19:13 19:14	24A	S14W12 Qual=01 Qual= 1 Code=00	AR4494 FePeak=19:09 Exp #=18119	FePeak.c/s=9 Rast=420"x420" Rast=30"x30"	Carr.Lon.* #Peaks=2 Step=10" Step=0"	7s 06s +212	H.Ang=17deg XEN=414702 1.024s/pixel ",Yaw=-473"
Event # = 7281 84/05/26,19:24 Start	7281 19:24	DOY=147	End times	SMM Pointing:	S14W29		Pitch=+209", Yaw=-446", Roll=Odeg	r=-446", Roll	=0deg	H.Ang=31deg
Optical Optical Optical	į ;	10.04		HaClass=SN HaClass=SN	S08W23 S14W12	AR4492 AR4494	Mac.=FKI	Carr.Lon.=349deg Carr.Lon.=338deg		H.Ang=24deg H.Ang=17deg
	9:23:02 9:16	19:23:33	19:23:57	importance=tz Peakc/s±114 Wavelength=1524A	Qual=01 Qual=01 Code=00	Tot Cts=799 Exp #=18121	MaxkeV=48 Rast=30"x30"	Step=0"	Pitch=+92",Yaw=-430"	, Yaw=-430"
-	000				84/05/27	7 DOY=148				
*⊙~`	= /282 7,10:01 Start	D0Y=148 Peak	End times	SMM Pointing:	S14W37		Pitch=+210",Yaw=-552",Roll=Odeg	/=-552", Roll	=0deg	H.Ang=39deg
GOES HXRBS 10 UVSP 09	10:01:09 09:56	10:01:49	10:02:51	Peakc/s=70 Wavelength=1524A	Qual=00 Qual=01	Exp #=18193	MaxkeV=48 Rast=30"x30"	Step=0"	Pitch=+93",	, Yaw=-554"
Event # = 84/05/27, c+	t = 7283 27,15:55 Start	D0Y=148	Fnd + imes	SMM Pointing:	S14W40		Pitch=+211", Yaw	, Yaw=-596", Roll=Odeg	=0deg	H.Ang=42deg
-	, it	15.55	5.57	HaClass=SN	S11W44	AR4492	Mac.=FHO	Carr.Lon.=358deg	358deg	H.Ang=45deg
HXRBS 15 UVSP 15	5:43	15:52:49	15:53:14	Peakc/s=155 Wavelength=1524A	Qual=01 Qual=01 Code=01	Tot Cts=649 Exp #=18217	MaxkeV=48 Rast=30"x30"	Step=0"	Pitch=+94",Yaw=-594"	Yaw=-594"
Event # =	20610				84/05/29	9 DOY=150				
84/05/29,00:40 Start		D0Y=150 Peak	Fnd times	SMM Pointing:	S14W58		Pitch=+216", Yaw	, Yaw=-782", Roll	, Roll=Odeg	H.Ang=59deg
Optical GOFS 00		00:40)	HaClass=SF	\$12W58	AR4492	Mac.=CAO	Carr.Lon.=354deg	354deg	H.Ang=59deg
8	:37	00:37	00:40		Qual= 1	FePeak=00:37	FePeak.c/s=6	#Peaks=3		XEN=415000

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Event # = 7284 84/05/29,09:12	D0Y=150	SMM Pointing:	S14W62		Pitch=+218", Yaw=	, Yaw=-815", Roll=Odeg	H.A	H.Ang=63deg
	Peak	HaClass=SN	S07W52	AR4494	Mac.=CRO	Carr.Lon.=344deg		H.Ang=52deg
GÒES 09:08 HXRBS 09:09:49 BCS 09:11 FCS	09:12 09:24 09:10:08 09:11:16 09:13 09:16 09:13	oortance=B8 1kc/s=102 Peak.c/s=23 ak3c/s=38	Qua]=01 Qua]=01 Qua]= 1	Tot Cts=914 FePeak=09:13	MaxkeV=48 FePeak.c/s=17 Rast=180"x180"	#Peaks=3 dt= 7.7s Step=10" Cad= 332s		XEN=415003 1.024s/pixel
			84/05/30	DOY=151				
Event # = 7285 84/05/30,10:30		SMM Pointing:	S14W75		Pitch=+222", Yaw=-888"	=-888", Roll=0deg	н.,	H.Ang=75deg
Start Optical	Peak End times	HaClass≖SN	N21E35	AR4504		Carr.Lon.=243deg		H.Ang≕41deg
GOES HXRBS 10:28:16	10:30:04 10:31:13	Peakc/s=87	Qual=00 Qual=01	Tot Cts=973	MaxkeV=88			
Event # = 7289 84/05/30,17:27	D0Y=151	SMM Pointing:	N05E87		Pitch=-83", Yaw≕⊣	, Yaw=+943", Roll=Odeg	H.,	H.Ang=87deg
Start Optical		HaClass=1B	\$13E17	AR4500	Mac.=EHI	Carr.Lon.=257deg		H.Ang=21deg
GOES 17:24 HXRBS 17:25:44 Radio Frequenc	17:24 17:27 17:32 17:25:44 17:26:08 17:27:38 Frequency(MHz)/Flux(sfu):	<pre>Importance=C2 Peakc/s=115 1415/47</pre>	Qual=04 Qual=01	Tot Cts=2865	MaxkeV=67			
			84/05/3	1 D0Y=152				
Event # = 7290 84/05/31,06:27	D0Y=152	SMM Pointing:	N05E87		Pitch=-83",Yaw=⊣	, Yaw=+943", Roll=Odeg	.H	H.Ang=87deg
	Peak	HaClass=SN	\$17E09	AR4500	Mac.=EKI	Carr.Lon.=258deg		H.Ang=19deg
GOES 06:24 HXRBS 06:26:10 UVSP 06:17	06:27 06:31 06:26:35 06:26:51	Importance=B9 Peakc/s=88 Wavelength=1524A	Qual=01 Qual=01 Code=00	Exp #=18352	MaxkeV=48 Rast=30"x30"	Step=0" Pitch	Pitch=-16",Yaw=+799"	"66Z+=M
Event # = 7291 84/05/31,10:06	D0Y=152	SMM Pointing:	N05E87		Pitch=-83", Yaw=-	, Yaw=+943", Roll=0deg	H./	.Ang=87deg
	Peak	Ha.	S11E17	AR4500	Mac.=EKI	Carr.Lon.=248deg		H.Ang=20deg
GOES 10:02 HXRBS 10:04:18 UVSP 09:56	10:06 10:05:48 10:07:11	importance=68 Peakc/s=99 Wavelength=1524A	Qual=03 Qual=01 Code=00	Exp #=18372	MaxkeV=88 Rast=30"x30"	Step=0" Pitch	Pitch=-1",Yaw=+799"	,=+799"
Event # = 7294 84/05/31,11:42	D0Y=152	SMM Pointing:	N05E87		Pitch=-83", Yaw=+943"	+943", Roll=0deg	÷	H.Ang≕87deg
Start Optical	Peak End times	S Code=EPL	NOSHBO			Carr.Lon.=354deg		H.Ang=90deg
GOES 11:29 HXRBS 11:31:51 UVSP 11:32 Radio Sweeps Radio Frequenc	11:29 11:42 11:56 11:31:51 11:37:53 11:42:10 11:32 Type/Intensity: Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):		Qual=03 Qual=03 Code=00 8800/73	Tot Cts=28723 Exp #=18380	MaxkeV=88 Rast=30"x30"	Flags=EN Step=0" Pitch	l=-211", Y	Pitch=-211",Yaw=+814"
Radio Sweeps Radio Frequen	Type/Intensity: cy(MHz)/Flux(sfu):	11/2 1 1 /2 2695/22 4995/79	8800/73					

The first of the state of the s		84/06/02	DOV=15A				
Event # = 8331		20/00/10	+CT-100				
84/06/02,03:57 DOY=154 Start Peak End times	SMM Pointing:	N05E84		Pitch=-80", Yaw=+939"	+939", Roll=Odeg	deg	H.Ang=84deg
9 03:57:32 03:5	Peakc/s=64 Wavelength=1524A	Qual=00 Qual=01 T	Tot Cts=2322 Exp #=18477	MaxkeV=48 Rast=30"x30"	Flags=I Step=O" Pi	Pitch=-1",Υ	, Yaw=+889"
Event # = 7296 84/06/03,01:53 DOY=155		84/06/03	DOY=155				
Start Peak End time		S09W25	AR4500	Mac.=EH0	Carr.Lon.=254deg	54deg	H.Ang=26deg
MXRS 01:47 WXSP 01:47:20 01:48:19 01:49:58 UVSP 01:43 Radio Frequency(MHz)/Flux(sfu):	Importance=C=C Peakc/s=100	Udal=01 Qual=01 T Code=00 E: /30 1415/26	Qual=01 Qual=01 Tot Cts=3527 MaxkeV=48 Code=00 Exp #=18575 Rast=30"x30" '30 1415/26 2695/37 4995/20	MaxkeV=48 Rast=30"x30" 20	Step=0" Pi	Pitch=-1",Y	, Yaw=+814"
		84/06/14	D0Y=166				
84/06/14,09:08 DOY=166 Start Doak Fnd times	SMM Pointing:	SIIWIO		Pitch=+196", Yaw	,Yaw=-160",Roll=Odeg	Jdeg	H.Ang=16deg
3a] 5cm c 5cm 5a1 5a2	Ha.	S12W10	AR4509	Mac.=DAO	Carr.Lon.=90deg	Jdeg	H.Ang=16deg
BCS 09:08 09:08 09:12 UVSP 08:55 Radio Frequency(MHz)/Flux(sfu):	Capeak.c/s=19 Wavelength=1524A 245/58	Qual= 1 For Code=00 Ex	FePeak=09:08 Exp #=19390	FePeak.c/s=8 Rast=285"x285"	#Peaks=3 Step=15" Pi	itch=+164"	XEN=416600 Pitch=+164",Yaw=-175"
Event # = 7311 84/06/14,11:45 DOY=166 Start Peak End times	SMM Pointing:	S11W12		Pitch=+195", Yaw=-188", Rol}=Odeg	188", Roll=0)deg	H.Ang=17deg
11.45 11.47		S06E54	AR4513	Mac.=BX0	Carr.Lon.=24deg		H.Ang=54deg
HXRBS 11:41:46 11:42:14 11:42:40 UVSP 12:11	Peakc/s=64 Wavelength=1524A	Qual=01	Tot Cts=527 Exp #=19392	MaxkeV=108 Rast=285"x285"	Step=15" Pi	Pitch=+164"	, Yaw=-204"
Event # = 20719 84/06/14,13:44 DOY=166 Start Peak End times	SMM Pointing:	S11W13		Pitch=+195", Yaw=-203",	203", Roll=0deg)deg	H.Ang=17deg
	Code=APR Code=ASR	\$26E90 \$19E90			Carr.Lon.=347deg Carr.Lon.=347deg		H. Ang=90deg H. Ang=90deg
UVSP 13:50 C/P 13:44 Extrap St=06/14,12:45	Wavelength=1524A PA=115deg	(dua 1 - 00 E)	Exp #=19393	Rast=285"x285"	Step=15" Pi	Pitch=+164"	, Yaw=-218"
Event # = 7312 84/06/14,14:55 DOY=166 Start Peak Fnd times	SMM Pointing:	S11W13		Pitch=-207", Yaw=	, Yaw=-201", Roll=90deg		H.Ang=18deg
14:55 15:0	HaClass=SB	\$12W13	AR4509	Mac.=BX0	Carr.Lon.=90deg		H.Ang=18deg
14:52:07 14:52 14:51	Peakc/s=182 CaPeak.c/s=71 Wavelength=152	Qual=01 Tc Qual= 1 Fe Code=00 Ey	Tot Cts=2996 FePeak=14:55 Exp #=19394	MaxkeV=108 FePeak.c/s=18 Rast=285"x285"	#Peaks=1 dt: Step=15" Pi	dt= 3.8s X Pitch=-240",	XEN=416603 ', Yaw=-214"
HXRBS 14:55:13 14:55:16 14:55:34	Peakc/s=71	Associated Ev Qual=01 To	<pre>Event # = /313 Tot Cts=117</pre>	 MaxkeV=48	! ! !	1	: : : : :

H.Ang=18deg	H.Ang≖19deg	:416605 /=-241"	H.Ang=20deg		·416606 /=-268"	H.Ang=20deg	H.Ang=50deg	, Yaw=-282"		.Ang=23deg	H.Ang=26deg	XEN=416700 ', Yaw=-336"	H.Ang=12deg	, Yaw=-17"		H.Ang=52deg	H.Ang=34deg	, Yaw=-747"		H.Ang=21deg	
, Roll=90deg	Carr.Lon.=90deg H.Ar	#Peaks=1 XEN=416605 Step=15" Pitch=+166", Yaw=-241"	, Roll=Odeg		#Peaks=1 Step=15" Pitch=+166",Yaw=-268"	, Ro11=0deg	Carr.Lon.=23deg H.Ar	Step=15" Pitch=+166",Yav		.318",Roll=0deg H	Carr.Lon.=92deg H.Ar	#Peaks=1 Step=15" Pitch=+166",Yav	, Yaw=+0", Roll=Odeg H.Ar	Step=15" Pitch=-30",Yaw		, Roll=Odeg	Carr.Lon.=23deg H.Ar	Flags=FS Step=2" Pitch=+95",Yaw		,Roll=Odeg	
Pitch=-217", Yaw=-197"	Mac.=8X0 (FePeak.c/s=11 # Rast=285"x285" S	Pitch=+194", Yaw=-255"	Mac.=BX0	MaxkeV=88 FePeak.c/s=64 # Rast=285"x285"	Pitch=+193", Yaw=-269"	Mac.=BX0 (MaxkeV=68 Rast=285"x285" S		Pitch=+195",Yaw=-	Mac.=DAO (FePeak.c/s=8 Rast=265"x265" §	Pitch=+202",Yaw=+	MaxkeV=48 Rast=265"x265"		Pitch=+91",Yaw=-743"	Mac.=EKO (MaxkeV=68 Rast=16"x16"		Pitch=+133", Yaw=+318"	
	AR4509	FePeak=16:25 Exp #=19396		AR4509	Tot Cts=11135 FePeak=20:14 Exp #=19400		AR4513	Tot Cts=3761 Exp #=19401	5 D0Y=167	I	AR4509	FePeak=04:16 Exp #=19405		Exp #=19418	16 DOY=168		AR4513	Tot Cts=14755 Exp #=19423	7 D0Y=169		
S11W14	S12W14	Qual= 1 Qual= 1 Code=02	S11W16		Qual=01 Qual=01 Qual= 1 Code=00	S11W17	<u>\$06</u> E50	Qual=01 Qual=01	84/06/1	S11W20	\$11W23	Qual=1 Qual=1 Code=00	S11W00	Qual=01 Qual=01 Code=00	84/06/1	S05W52	S08E33	Qual=01 Qual=01 Code=00	84/06/1	S07E20	Qua]=00
SMM Pointing:	HaClass=SN	Importance=Li CaPeak.c/s=40 Wavelength=1524A	SMM Pointing:		Importance=c5 Peakc/s=503 CaPeak.c/s=253 Wavelength=1524A	SMM Pointing:	Class=SN	Importance=C5 Peakc/s=181 Wavelength=1524A		SMM Pointing:		importance=cz CaPeak.c/s=19 Wavelength=1526A	SMM Pointing:	Importance=B5 Peakc/s=91 Wavelength=1526A		SMM Pointing:	Class=IN	importance-t3 Peakc/s=280 Wavelength=1526A		SMM Pointing:	PA=230deg
End times	د اللاد	16:29 16:29	Fod +imes		20:20 20:17:08 20:25		_	21:5/ 21:46:55		1	a times	04:17 04:17		End times 20:10 20:09:23			ຸ :	03:29:19		End times	
DOY=166	16.00	16:25 16:25	D0Y=166		20:15 20:14:11 20:14	D0Y=166	Feak	21:47 21:45:00		D0Y=167	e e	04:18 04:16	191	reak 20:09 20:09:10		DOY=168	ъ.	03:26:07		D0Y=169 Peak	
= 20621 4,16:23	3tai t 3a] 16.10	16:19 16:25 16:27	= 7314 1,20:15	al (1)	20:11 20:13:42 20:14 19:35	t # = 7315 5/14,21:47	start	21:21 21:44:43 21:10		t # = 20622 5/15,04:18	Ø	04:13 04:16 03:29		Start 20:07 5 20:08:43 19:12		t # = /31/ 6/16,03:27	Start cal	S 03:24:32 03:05		t # = 20696 6/17,00:14 Start	00:14
Event # 84/06/1	Optic	BCS UVSP	Event # 84/06/14	Optic	HXRBS BCS UVSP	Event # 84/06/14	Optic	GOES HXRBS UVSP		Event 84/06/	Optic	BCS UVSP	Event 84/06	GOES HXRBS UVSP	1 1	Event 984/06/	Optic	HXRBS UVSP		Event 84/06/	G0ES C/P

23:59:30 End times 10:48	Peakc/s=82 SMM Pointing: Importance=B4	30, CO, Qual=06 Qual=01 84/06/18 SO7E01 Qual=04	Tot Cts=827 3 DOY=170	Pitch=+13/", Yaw=+109", Roll=Udeg	, Roll=Odeg	H.Ang=11deg
End times	ointing:	Qual=01 84/06/19 S07W11 S12W90 Qual=00	00 (ts=292) D0Y=171 AR4509	maxkev=48 	-177", Roll=Odeg Carr.Lon.=105deg	H. Ang=14deg H. Ang=90deg
# = 7324 20,20:32 DOY=172 Start Peak End times 1 20:28 20:32 20:34 20:30:13 20:30:56 20:31:09 20:32 Type/Intensity: Frequency(MHz)/Flux(sfu):	SMM Pointing: HaClass=SB Importance=B8 Peakc/s=82 Wavelength=1332A V/3 245/68 410/18	84/06/20 SO7W32 S14E43 Qual=01 Qual=01 Code=02	DOY=172 AR4520 Exp #=19479	Pitch=+134", Yaw=-495", Roll=0deg Mac.=AXX Carr.Lon.=311de MaxkeV=48 Rast=10"x10" Step=0" Pitch	-495", Roll=Odeg Carr.Lon.=311deg Step=0" Pitch=+107	=0deg H.Ang=33deg 311deg H.Ang=45deg Pitch=+107", Yaw=-508"
End times 22:54 22:51	SMM Pointing: HaClass=SB Importance=B8 CaPeak.c/s=37 Peak3c/s=226	SO7W33 SO6W28 Qual=01 Qual= 1	AR4513 FePeak=22:44 Exp #=19480	Pitch=+137", Yaw=-505", Rol Mac.=DH0 Carr.Lon. FePeak.c/s=19 #Peaks=1 Rast=180"x180" Step=10" Rast=265"x265" Step=5"	,Yaw=-505",Roll=0deg Carr.Lon.=21deg 19 #Peaks=1 dt= 7.7s 80" Step=10" Cad= 664s 65" Step=5" Pitch=+107	H.Ang=34deg H.Ang=29deg XEN=417200 2.048s/pixe1 ", Yaw=-521"
End times 21:54 21:56:02	SMM Pointing: HaClass=SF Importance=B4 Peakc/s=84	84/06/22 S15E12 S16E12 Qual=01 Qual=01	DOY=174 AR4520	Pitch=+273", Yaw=+197", Roll=0deg Mac.=BX0 Carr.Lon.=315de MaxkeV=68	+197", Roll=Odeg Carr.Lon.=315deg	H.Ang=21deg H.Ang=22deg

				84/06/23	3 D0Y=175					
Event # = 20624 84/06/23,05:30	D0Y=175	:	SMM Pointing:	S15E08		Pitch=+276", Yaw	, Yaw=+131", Roll=Odeg	deg	H.Ang=19deg	
Start ptical	Peak	i times	HaClass=SN	S15E08	AR4520	Mac.=CSO	Carr.Lon.=31	=315deg	H.Ang=19deg	
223	05:30 05:29 05:29	05:40 05:37	Importance=Cl CaPeak.c/s=43 Peak3c/s=284	Qual=01 Qual= 1	FePeak=05:29	FePeak.c/s=10 Rast=420"x420"	#Peaks=1 dt Step=10" Ca Step=16" Ca	dt= 7.7s Cad=1806s pi+ch=+245"	XEN=417500 1.024s/pixel "Yaw=+112"	
IVSP 05:32			Wavelength=1340A	code=02	EXP #=1948b	KdSt=205 X205	ì		, I am - 1 1 1 6	1
Event # = 20625 84/06/23,12:08 Start) D0Y=175 Peak	End times	SMM Pointing:	S15E05		72"	, Yaw=+73", Roll=Odeg	leg	H.Ang=17deg	
Optical GOES 12:01 BCS 12:06 FCS 11:49	12:08 12:07 12:06	12:15 12:10	Importance=C1 CaPeak.c/s=27 Peak3c/s=14 Wavelength=1332A	Qual=01 Qual= 1 Code=01	AR4520 FePeak=12:07 Exp #=19490	mac.=L>U FePeak.c/s=8 Rast=420"x420" Rast=265"x265"	#Peaks=2 Step=10" Step=5"	dt= 7.7s) Cad=1806s] Pitch=+245",	XEN=417502 1.024s/pixel ",Yaw=+57"	
Event # = 8332 84/06/23,19:17	D0Y=175		SMM Pointing:	S15E01		Pitch=+277", Yaw=+10", Roll=Odeg	=+10", Roll=0d	leg	H.Ang=17deg	
Optical GOES 19:13 HXRBS 19:16:03		19:1 19:1	HaClass=SN Importance=B5 Peakc/s=108	S12W69 Qual=04 Qual=01	AR4513 Tot Cts=1286	Mac.=HAX MaxkeV=48	Carr.Lon.=24deg Flags=I	deg	H.Ang=70deg	
Event # = 8333 84/06/23,19:29	D0Y=175		SMM Pointing:	S15E01		Pitch=+277", Yaw	, Yaw=+10", Roll=0deg	leg	H.Ang=17deg	
Start Optical		End times	.Class=SF	\$10W71	AR4513	Mac.=HAX	Carr.Lon.=26deg	geg	H.Ang=72deg	
19:21 19:21:2	19:29 6 19:22:12	19:37 2 19:23:34	Importance=B6 Peakc/s=66	Qua =01 Qua =01	Tot Cts=6834	MaxkeV=48	Flags=1			
				84/06/2	7 D0Y=179					<u> </u>
Event # = 7326 84/06/27,18:13	D0Y=179		SMM Pointing:	S15W52		Pitch=+269",Yaw	, Yaw=-718", Roll=Odeg	Jdeg	H.Ang=54deg	
Start Optical GOES 18:04 HXRBS 18:06:05 UVSP 17:48		End times 18:16 9 18:15:30	Code=SPY Importance=C4 Peakc/s=219 Wavelength=1336A	N20E90 Qual=01 Qual=01 Code=00	AR4525 Tot Cts=14698 Exp #=19669	MaxkeV=88 Rast=39"x39"	Carr.Lon.=173deg Step=3" Pitch=	73deg itch=+281'	173deg H.Ang=89deg Pitch=+281", Yaw=-718"	
Event # = 20519 84/06/27,18:27 Start GOES 17:48 UVSP 17:48 C/P 18:27 Ex	119 27 DOY=179 Peak E Extrap St=06/	End times 06/27,17:48	Wavelength=1336A PA=74deg	Qua1=00	Exp #=19669	Rast=39"x39"	Step=3" Pi	itch=+281	Pitch=+281", Yaw=-718"	1
Event # = 7327 84/06/27,19:50	D0Y=179		SMM Pointing:	S15W52		Pitch=+269", Yaw	, Yaw=-718", Roll=Odeg	Odeg	H.Ang=54deg	
Start GOES HXRBS 19:49:59 UVSP 19:53	_	End times 9 19:50:16	Peakc/s=76 Wavelength=1354A	Qual=00 Qual=01	Tot Cts=133 Exp #=19673	MaxkeV=48 Rast=120"x120"	Step=3" Pi	itch=+263	Pitch=+263", Yaw=-758"	ļ

S15W66					84/06/28	8 D0Y=180				
Peak End times 16:17:59 16:17:59 16:19:30 PeakC/s=87 (M:SE77)	Event # = / 84/06/28,16			Pointing	S15W66		Pitch=+260" Ya	W=-834" Roll	=0den	H Ann=68den
16.11 16.12 16.1	S			- 6 [O			3		6 5	fisher first
16:17:59 16:19:30 PeakC/s=81	OES 16:14		16:27	HaClass=SF Importance=Cl	N15E// Oual=01	AR4525	Mac.=HHX	Carr.Lon.=	=174deg	H.Ang=77deg
DOY=180 Pitch=+258", Vaw=-850", Roll=0deg	⊣⊣ ,≱	5:10 16:17:5 2 3 Type/ quency(MHz)/	<pre>19 16:19:30 Intensity: Flux(sfu):</pre>	Peakc/s=81 Wavelength=2704A V/1 245/74		Tot Cts=2199 Exp #=19700	MaxkeV=48 Rast=240"x240"	Step=3	Pitch=+230	', Yaw=-832"
19:22:35 19:24:29 Peakc/s=97 Qual=01 Exp #=19708 Rast=39"x39" Step=3" Pitch=+231 Peak Pakelength=1336A	vent # = 7. 4/06/28,19 Stari			1	S15W68		Pitch=+258", Ya	W=-850", Roll	l=0deg	H.Ang=70deg
SAM	0ES XRBS 19:2. VSP 18:59			Peakc/s=97 Wavelength=1336A	Qual=00 Qual=01	Exp #=19708	MaxkeV=88 Rast=39"x39"	Step=3"	Pitch=+231	', Yaw=-732"
DOY=181 SMM Pointing: S15W75 Pritch=+254", Yaw=-882", Roll=odeg Peak Code=APR \$20W90 AR4520 Carr.Lon.=330deg rap St=06/29, 08:26 PA=230deg Three-part structure Rxp #=19747 Rast=39"x39" Step=3" Pitch=+251 DOY=182 SMM Pointing: N13E59 Pritch=-189", Yaw=+788", Roll=0deg Pritch=-189", Yaw=+788", Roll=0deg 11:06 11:13 Importance=B6 Qual=03 Rast=00"x0" Step=3" Pitch=-192 11:06 11:13 Importance=B6 Qual=01 Rast=00"x0" Step=3" Pitch=-192 11:06 11:13 Importance=B6 Qual=01 Rast=00"x0" Step=3" Pitch=-192 11:05 11:06 HaClass=SN N13E57 Pitch=-189", Yaw=+775", Roll=0deg Pitch=-189 13:20 13:20 Importance=C1 Qual=06 Exp #=19768 Rast=115"x15" Step=3" Pitch=-182 13:30 Importance=C1 Qual=0 Exp #=19770 Rast=15"x15" Pitch=-189", Yaw=+439", Roll=0deg 13:30 <t< td=""><td>70 # +===</td><td>203</td><td></td><td></td><td>84/06/2</td><td></td><td></td><td></td><td></td><td></td></t<>	70 # +===	203			84/06/2					
Code=APR S20W90 AR4520 Carr.Lon.=330deg Qual=00 Exp #=19747 Rast=39"x39" Step=3" Pitch=+251 Three-part structure Rast=39"x39" Step=3" Pitch=+251 Three-part structure R4/06/30 D0Y=182 SWM Pointing: N13E59 Pitch=-189", Yaw=+788", Roll=Odeg Peak End times Ravelength=1336A Code=00 Exp #=19768 Rast=6"x0" Step=6" Cad= 768s Peak End times Ravelength=1336A Code=00 Exp #=19768 Rast=6"x0" Step=6" Cad= 768s Peak End times Ravelength=1336A Code=00 Exp #=19768 Rast=16"x0" Step=6" Cad= 768s Peak End times Ravelength=200Y=182 Rast=16"x15" Step=5" Cad= 542s Rast=16"x15" Step=5" Cad= 542s Rast=16"x15" Step=6" Cad= 542s Rast=16" Cad= 542s Ras	4/06/29,11		Fnd +imag	SMM Pointing	S15W75		Pitch=+254",Ya	w=-882", Roll	=0deg	H.Ang=76deg
rap St=06/29,08:26 PA=230deg Three-part structure	otical		בוומ	S	\$20W90	AR4520		Carr.Lon.=	*330deg	H.Ang=91deg
SAMP Pointing: 84/06/30 D0Y=182	/SP 10:5.	Extrap	06/29,08:26	Wav PA=	vual=∪∪ Three-pa	Exp #=19747 rt structure	Rast=39"x39"	Step=3"	Pitch=+251	', Үа⊮=-895"
DOY=182 SMM Pointing: N13E59 Pitch=-189", Yaw=+788", Roll=Odeg Peak End times HaClass=SN N14E61 AR4525 Mac.=CAO Carr.Lon.=166deg 11:05 11:13 Importance=B6 Qual=03 FePeak=11:05 FePeak.c/s=8 #Peaks=1 11:06 11:13 Importance=B6 Qual=03 FePeak=11:05 FePeak.c/s=8 #Peaks=1 11:06 CaPeak.c/s=170 Qual=0 Exp #=19768 Rast=39"x0" Step=0" Cad= 768s DOY=182 FePeak.c/s=170 Rast=39"x0" Step=0" Cad= 768s Peak Fold=0 Exp #=19768 Rast=139"x0" Step=0" Cad= 768s DOY=182 FePeak.c/s=40 Qual= 4 FePeak=13:21 FePeak.c/s=18 FePeaks=28s 13:30 Importance=C1 Qual= 4 FePeak=13:21 Rast=115"x15" Step=3" Pitch=-218 13:30 Pavelength=2704A Cde=02 Exp #=19770 Rast=15"x15" Rast=439", Roll=6dg Peak End Pitch=-156", Yaw=+439", Roll=6dg Pitch=-218					84/06/3					
11:05	/ent # = 2(1/06/30,11: Sfarf)626 ∶06 DOY=182 ∶ Peak	F.		N13E59		Pitch=-189", Ya	W=+788", Roll	=0deg	H.Ang=59deg
11:05 11:05 12:06 Capeak.c/s=21 Quai= FePeak=11:05 Rast=0"x0" Step=0" Cad= 768s 11:06	otical JES 11:02	11:06	=	HaClass=SN Importance=R6	N14E61	AR4525	Mac.=CAO	Carr.Lon.=	166deg	H.Ang=61deg
= 20627 start Peak End times HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HaClass=SN N15E62 AR4525 Mac.=CAO Carr.Lon.=164deg HacClass=SN N15E62 AR4525 Mac.=CAO CAO CAO CAO CAO CAO CAO CAO CAO CAO	SS 11:09 SS 10:27		11:06	CaPeak.c/s=21 Peak3c/s=170 Wavelength=1336A	Qual= 1 Code=00	FePeak=11:05 Exp #=19768	FePeak.c/s=8 Rast=0"x0" Rast=39"x39"	#Peaks=1 Step=0" Step=3"	Cad= 768s Pitch=-192	XEN=418200 768.0s/pixel ", Yaw=+804"
3:09 13:21 13:50 Importance=C1 Qual=05 AR4525 Mac.=CAO Carr.Lon.=164deg 3:09 13:21 13:50 Importance=C1 Qual=05 AR4525 Mac.=CAO Carr.Lon.=164deg 3:20 13:22 CaPeak.c/s=40 Qual= 4 FePeak=13:21 FePeak.c/s=11 #Peaks=2 Aviority Deaks.c/s=267 Qual=05 Exp #=19770 Rast=15"x15" Step=5" Cad= 542s Rast=15"x15" Step=3" Pitch=-218 84/07/02 D0Y=184 Assertable Peak Code=C2 Exp #=19770 Pitch=-156", Yaw=+439", Roll=Odeg 6:01:49 16:03:11 16:04:40 Peakc/s=89 Qual=01 Exp #=19817 Rast=48"x48" Step=3" Pitch=-118"	ent # = 20 1/06/30,13: Start		1 2	S ₹	N13E57		Pitch=-189", Ya	w=+775", Roll	=0deg	H.Ang=58deg
3:20 13:20 13:37 Capeak.c/s=40 Qual= 4 FePeak=13:21 FePeak.c/s=11 #Peaks=2 Rast=115"x115" Step=5" Cad= 542s Rast=115"x115" Step=5" Cad= 542s Rast=15"x115" Step=5" Cad= 542s Rast=15"x115" Step=5" Cad= 542s Rast=15"x115" Step=5" Cad= 542s Rast=15"x15" Step=5" Cad= 542s Rast=15"x15" Step=5" Pitch=-218 Rast=15"x15" Step=3" Pitch=-218 Rast=15"x15" Step=5" Cad= 542s Rast=15"x15" Step=3" Pitch=-218 Rast=48"x48" Step=3" Pitch=-218	tical		<u>.</u>	HaClass=SN	N15E62	AR4525	Mac.=CAO	Carr.Lon.=	164deg	H.Ang=62deg
# = 7337 702,16:03 DOY=184 SMM Pointing: N12E28 Pitch=-156",Yaw=+439",Roll=Odeg Start Peak End times Qual=00 Maxkey=129 Qual=01 Exp #=19817 Rast=48"x48" Step=3" Pitch=-118"			13:37	ak.c/s=40 3c/s=267 elength=2704A	Qual= 4 Code=02	FePeak=13:21 Exp #=19770	FePeak.c/s=11 Rast=115"x115" Rast=15"x15"	#Peaks=2 Step=5" Step=3"	Cad= 542s Pitch=-218'	XEN=418201 1.024s/pixel ", Yaw=+776"
# = 7337 02,16:03 DOY=184					84/07/0					
0ual=00 16:01:49 16:03:11 16:04:40 Peakc/s=89 Qual=01 15:50 Havelength=1336A Exp #=19817 Rast=48"x48" Step=3"	ent # = 7: //07/02,16: Start	DOY=18 Peak	Fn	SMM	N12E28	•	Pitch=-156", Ya	W=+439", Roll	=0deg	H.Ang=30deg
			1 16:04:40	Peakc/s=89 Wavelength=1336A	Qua]=00 Qua]=01	Exp #=19817	MaxkeV=129 Rast=48"x48"	Step=3"	Pitch=-118'	, Yaw=+359"

Event # = 7335 84/07/02,18:18	D0Y=184	1	SMM Pointing:	N12E27		Pitch=-155", Yaw=+425",	425", Roll=0deg	leg	H.Ang=29deg
Start ptical	Peak		HaClass=SF	N12E33	AR4525	Mac.=DA0 Ca	Carr.Lon.=164deg	tdeg	H.Ang=34deg
GOES 17:55 HXRBS 18:04:23 UVSP 18:53	18:18 18:05:04	19:00 4 18:08:01	36A	Qual=03 Qual=01	Tot Cts=3898 Exp #=19820	MaxkeV=108 Rast=240"x240" S	Flags=AX Step=3" Pit	Pitch=-185"	, Yaw=+414"
Event # = 7336 84/07/02,19:44 Start	DOY=184	Fnd times	SMM Pointing:	N12E27		Pitch=-155", Yaw=+413", Roll=Odeg	413", Roll=Oc	teg	H.Ang=28deg
GOES HXRBS 19:43:18 UVSP 19:30	19:44:2	19:44:55	Peakc/s=72 Wavelength=1336A	Qual=00 Qual=01	Tot Cts=711 Exp #=19823	MaxkeV=48 Rast=48"x48" S	Step=3" Pit	tch=-157"	Pitch=-157",Yaw=+459"
				84/01/03	3 D0Y=185				
Event # = 7338 84/07/03,13:59	DOY=185	00 E;+	SMM Pointing:	N12E16		Pitch=-153", Yaw=+256", Roll=Odeg	256", Roll=Oc	deg	H.Ang=18deg
GOES HXRBS 13:58:19 UVSP 13:53		. 14:00:	Peakc/s=82 Wavelength=1336A	Qual=00 Qual=01	Tot Cts=1030 Exp #=19844	MaxkeV=88 Rast=48"x48" S	Step=3" Pi1	tch=-187"	Pitch=-187",Yaw=+351"
				84/01/04	4 D0Y=186				
Event # = 7341 84/07/04,02:54	D0Y=186	•	SMM Pointing:	N11E13		Pitch=-130", Yaw=+203"	203", Roll=Odeg	leg	H.Ang≕15deg
Start tical	Peak	end times	HaClass=2B	S08E67	AR4532	Mac.=DS0 C	Carr.Lon.=112deg	2deg	H.Ang=68deg
	02:54 02:44:11 -	0	ımportance=mı Peakc/s=480 Wayelength=1336A (Qual=01 Qual=01 Code=00	Tot Cts=83486 Exp #=19856	MaxkeV=129 Rast=63"x63" S	Step=3" Pi	tch=-179"	Pitch=-179",Yaw=+145"
Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)	Type/ cy (MHz)/I		11/2 245/36 410/98 606/270 1415/69	6/270 141	2695/92	4995/59 8800/66 15400/48	/48		
Event # = 7342 84/07/04,14:02	D0Y=186	4 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	SMM Pointing:	N11E07		Pitch=-129", Yaw=+106", Roll=Odeg	106", Roll=0c	deg	H.Ang=10deg
GOES 13:58 HXRBS 14:02:00 UVSP 05:29	14:02 14:02 14:02:2	14:04 14:02:34	Importance=B3 Peakc/s=70 Wavelength=1336A	Qual=01 Qual=01 Code=00	Exp #=19859	MaxkeV=244 Rast=258"x258" S	Flags=AX Step=3" Pi1	tch=-159"	Pitch=-159",Yaw=+177"
				84/07/05	5 D0Y=187				
Event # = 7343 84/07/05,15:18		10 min + 10 min	SMM Pointing:	S06E51		Pitch=+133", Yaw=+726", Roll=Odeg	726", Roll=00	qeg	H.Ang=51deg
GOES 15:04 HXRBS 15:06:16 BCS 15:08 UVSP 14:41 Radio Frequen	15:18 15:07:41 15:16 cy (MHz) / F	15:28 15:09:30 15:29 15:29	Importance=C3 Peakc/s=153 CaPeak.c/s=92 Wavelength=133 606/54 1415/10	Qual=01 Qual=01 Qual= 1 Code=00 695/38 49	Qual=01 Qual=01 Tot Cts=6479 Qual= 1 FePeak=15:16 6A Code=00 Exp #=19883 1 2695/38 4995/14 8800/8	MaxkeV=48 FePeak.c/s=12 # Rast=48"x48" S	#Peaks=1 dt: Step=3" Pii	dt= 3.8s Pitch=-1",\	XEN=418700 ,Yaw=+746"

Qual=00 Exp #=19892 Three-part structure S06E46 Qual=03 Code=01 S07E19 S07E20 S07E19 S07E20 S1EP=3" S1										
Maye Engine En	Event # = 2052 84/07/05,22:3C Start		End time							
DOY=187 SMM Pointing: SO6E46 Pitch=+136", Yaw=+673", Roll	22:25 22:30	гар	, 16:	₩av PA=		art E	Rast=240"x240"	Step=3"	Pitch≃+106	Pitch≈+106",Yaw≖+676"
Markel=63"x63" Step=3" Step=3"	ven 4/0	D0Y=1		SM	S06E46		Pitch=+136", Yaw	w=+673", Rol	1=0deg	H.Ang=47deg
DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=190 DOY=192 DOY=193 DOY=194 DOY=194 DOY=194 DOY=194 DOY=195 DOY=	30ES 22:40 UVSP 22:32	23:15	23:50	Imp Hav		Exp #=19893	Rast=63"x63"	~~	Pitch=+158"	", Yaw=+707"
DOY=190 End times	Of Ch. T. Track				84/07/(
10:37 10:42 10:45:35 10:45 10:45:35 10:45 10:45:35	34/07/08, 10:37 S4/07/08, 10:37 Start	DOY=19 Peak	Fod + imp	Pointing	S07E19		Pitch=+173", Yaw	v=+301", Ro1]=0deg	H.Ang=22deg
10:41:40 10:43:13 PeakC/S=80 Quai=01 Paxkey=296 Flags=AX Paxelength=1356A Code=00 Exp #=19929 Rast=63"x63" Step=3" Mavelength=1356A Code=00 Exp #=19929 Rast=63"x63" Step=3" Paxelength=1356A Code=00 Exp #=19929 Pitch=+183", Yaw=+530", Roll	optical OES 10:30			HaClass=SF Importance=R5	\$10E08		Mac.=CSO	Carr. Lon.	=113deg	H.Ang≖16deg
DOY=192 SAM Pointing: SOBE34 Pitch=+183", Yaw=+530", Roll Peak End times HaClass=SN SOBWOS AR4532 Mac.=CSO Carr.Lon.= 08:22:13 08:22 Banchance=84 Qual=01 Tot Cts=563 Maxkev48 Carr.Lon.= 08:22:13 08:22:46 PeakC/s=72 Qual=01 Tot Cts=563 Maxkev48 Step=3" DOY=192 SMM Pointing: SO7W20 Exp #=19979 Rast=63"x63" Step=3" 21:04 21:05 CaPeak.c/s=26 Qual=1 FePeak=21:04 FePeak.c/s=9 #Peaks=1 21:04 21:05 CaPeak.c/s=24 Qual=1 Rast=19996 Rast=39"x39" Step=3" 21:04 21:05 CaPeak.c/s=24 Qual=1 DOY=193 Rast=39"x39" Step=3" 21:04 21:05 CaPeak.c/s=24 Qual=01 Tot Cts=1915 Maxkev=48 Flags=1 21:04 21:05 CaPeak.c/s=68 Qual=01 Tot Cts=1915 Maxkev=48 Flags=1 21:04 21:05 CaPeak.c/s=68		0 10:41:40 ncy(MHz)/	43:13 sfu):	Peakc/s=80 Wavelength=1336A 245/124	Qual=01 Code=00	Exp	MaxkeV=296 Rast=63"x63"	Flags=AX Step=3"	Pitch=+581",Yaw=+367	", Yaw=+367"
DOY=192 SMM Pointing: SOBE34 AR4532 Pitch=+183", Yaw=+530", Roll-908:22:13 08:22:4 08:28 Importance=84 04a1=01 Tot Ct==563 Maxkey=48 Importance=84 04a1=01 Tot Ct==563 Maxkey=48 Maxkey=48 Maxeel=48 Maxeel=48 Maxeel=48 Maxeel=48 Maxeel=48 Maxeel=48 Maxeel=3"					84/07/1					
08:22 08:28 Importance=B4 Qual=01 Tot Cts=563 Maxkev=48 Qual=01 Tot Cts=563 Maxkev=48 .vent # = /351 !4/07/10,08:24 <+art	DOY=19	, r	Pointing	S08E34		Pitch=+183", Yaw	/=+530", Rol]=0deg	H.Ang≈36deg	
Maxeeved Maxeeved	ptical OFS 08:21		20 AC.	HaClass=SN	S06W05		Mac.=CSO	Carr.Lon.	=101deg	H.Ang≕lldeg
# = 20628 10.21:04	XRBS 08:21:2 VSP 07:59	08:22:1	3 08:22:46	Importance_B4 Peakc/s=72 Wavelength=1336A	Qual=01 Qual=01 Code=00	Tot Exp	MaxkeV=48 Rast=63"x63"	~	Pitch=+192"	", Yaw=+550"
June 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	vent # = 2062 4/07/10,21:04	DOY=19		SMM Pointing	S07W20		Pitch=+175", Yaw	/=-326", Ro1	1=0deg	H.Ang=23deg
# = 8335 111,09:44 DOY=193 Start Peak End times 09:41 09:49 Importance=B4 Qual=01 09:42:43 09:43:05 09:43:22 Peakc/s=68 Qual=01 09:42:43 09:43:05 09:43:22 Peakc/s=68 Qual=01 # = 7364 13,10:44 DOY=195 Start Peak End times 10:42:59 10:44:39 10:45:35 Peakc/s=75 Qual=01	Start 0ES 21:00 CS 21:02 CS VSP 20:35	21:04 21:04 21:03	End times 21:08 21:05	Importance=C1 CaPeak.c/s=26 Peak3c/s=24 Wavelength=1336A	Qual=03 Qual= 1 Code=00		FePeak.c/s=9 Rast=0"x0" Rast=39"x39"		.7s 768s =+262	_
# = 8335 11.09:44					84/07/1			1		
09:41 09:44 09:39 Peakc/s=68 Qual=01 Tot Cts=1915 MaxkeV=48 Flags=I	vent # = 8335 4/07/11,09:44 Ctart	DOY≈19 Post	- +	SMM Pointing	S07W27		Pitch=+172", Yaw	431", Roll	1=0deg	H.Ang=29deg
# = 7364 13,10:44 DOY=195 SMM Pointing: S07W55 Pitch=+153",Yaw=-767",Roll Start Peak End times Qual=00 MaxkeV=48 10:42:59 10:44:39 10:45:35 Peakc/s=75 Qual=01 Exp #=20084 Rast=48"x48" Step=3"	09:41 09:42:4 09:17	09:43	09:49 09:43:22	Importance=84 Peakc/s=68 Wavelength=2704A	Qual=01 Qual=01 Code=00	Tot Cts=1915 Exp #=20013	MaxkeV=48 Rast=240"x240"	Flags=I Step=3"	Pitch=+150", Yaw=-433	', Yaw=-433"
# = /304 13,10:44 DOY=195 SMM Pointing: S07W55 Pitch=+153",Yaw=-767",Roll Start Peak End times Qual=00 10:42:59 10:44:39 10:45:35 Peakc/s=75 Qual=01 09:56 WaxkeV=48 Step=3"					84/07/1					
Qual=00 10:42:59 10:44:39 10:45:35 Peakc/s=75 Qual=01 09:56 WaxkeV=48"x48" Step=3"	vent # = /364 4/07/13,10:44 Start	DOY=19 Peak	End times	Pointing	S07W55		Pitch=+153",Yaw	=-767", Roll	l=0deg	H.Ang=56deg
	10:42:5 09:56	10:44	10:45:35	:c/s=75 :length=1336A	Qua]=00 Qua]=01	Exp #=20084	MaxkeV=48 Rast=48"x48"	Step=3"	Pitch=+135"	, Yaw=-746"

84/07/13,16:14	4 DOY=195	, , ,	SMM Pointing:	S09W11		Pitch=+214", Yaw=-181", Roll=Odeg	/=-181",Roll	=0deg	H.Ang=17deg
Start GOES HXRBS 16:13:49 UVSP 16:06	₫.	End times 16:14:20	Peakc/s=91 Wavelength=1336A	Qual=00 Qual=01	Tot Cts=2061 Exp #=20094	MaxkeV=88 Rast=240"x240"	Flags=I Step=3"	Pitch=+192",Yaw=-184"	, Үам=-184"
Event # = 7365 84/07/13,17:52 Start	5 2 D0Y=195 Peak	End times	SMM Pointing:	S09W12		Pitch=+214", Yaw=-191", Roll=Odeg	/=-191", Roll	=0deg	H.Ang=18deg
GOES HXRBS 17:50:58 UVSP 17:48 Radio Frequenc	7:50:58 17:52:11 17:52:3 7:48 Frequency (MHz)/Flux(sfu)	17:52:38 lux(sfu):	Peakc/s=81 Wavelength=1336A 245/66 2695/12	Qual=00 Qual=01	Exp #=20098	MaxkeV=68 Rast=3"x3"	Step=0"	Pitch=+196",Yaw=-244"	,Yaw=-244"
				84/07/14	D0Y=196				
Event # = 20698 84/07/14,08:40	98 0 D0Y=196	1	SMM Pointing:	S09W21		Pitch=+211",Yaw=-328"	/=-328",Roll	, Roll=Odeg	H.Ang=24deg
Start Optical	reak	End times	Code=ASR	NO5W90	AR4528		Carr.Lon.=133deg	:133deg	H.Ang=90deg
GOES UVSP 07:59 C/P 08:40	Extrap St=0	St=07/14,07:38	Wavelength=1336A PA=306deg	qual=oo E) Three-part	Exp #=20124 rt structure	Rast=48"x48"	Step=3"	Pitch=+230",Yaw=-281"	, Yaw=-281"
				84/0/16	5 D0Y=198				
Event # = 736 84/07/16,10:2	6 9 DOY=198		SMM Pointing:	S12W12		Pitch=+264",Yav	, Yaw=-197", Roll	,Roll=Odeg	H.Ang=20deg
Start GOES 10:25 HXRBS 10:27:08 UVSP 10:12	Peak 10:29 08 10:27:43	End times 10:33 10:28:12	Importance=B2 Peakc/s=59 Wavelength=1336A	Qual=01 Qual=01 Code=00	Exp #=20193	MaxkeV=48 Rast=130"x130"	Step=1"	Pitch=+308",Yaw=-134"	, Үам=-134"
Event # = 7367 84/07/16,11:08	7 8 D0Y=198	10 mm	SMM Pointing:	S12W13		Pitch=+266", Yaw	, Yaw=-207", Roll	, Roll=0deg	H.Ang=21deg
GOES HXRBS 11:07: UVSP 11:41	_	11:0	Peakc/s=82 Wavelength=2706A	Qual=00 Qual=01	Exp #=20195	MaxkeV=129 Rast=180"x1"	Flags=AX Step=0"	Pitch=-298",Yaw=+109"	, Yaw=+109"
				84/07/17	7 D0Y=199				
Event # = 7368 84/07/17,01:09	8 9 DOY=199		SMM Pointing:	S22W22		Pitch=+416",Ya	, Yaw=-325", Roll	,Roll=Odeg	H.Ang=34deg
Start Optical		End times	HaClass=1B	\$10W63	AR4537	Mac.=CSO	Carr.Lon.=70deg	=70deg	H.Ang=64deg
GOES 00:53 HXRBS 00:56:18 UVSP 00:30	01:09 18 00:59:14	m	Importance=C5 Peakc/s=533 (Wavelength=1336A (Qual=03 Qual=01 Code=00	Tot Cts=86084 Exp #=20208	MaxkeV=197 Rast=63"x63"	Step=3"	Pitch=+298", Yaw=-237"	', Yaw=-237"
Radio Sweeps Radio Frequ	Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)		11/3 111/2 V/2 245/81 410/410 60	3/31	1415/28 2695/41 49	4995/73 8800/62 15	15400/45		
Event # = 7369 84/07/17,09:05	19 15 DOY=199 19 Book	Cnd +impe	SMM Pointing:	S22W26		Pitch=+413",Ya	, Yaw=-384", Rol	,Roll=Odeg	H.Ang=37deg
GOES HXRBS 09:04: UVSP 08:35		_	Peakc/s=76 Wavelength=1336A	Qual=00 Qual=01	Tot Cts=791 Exp #=20218	MaxkeV=48 Rast=130"x130"	Flags=AX Step=1"	Pitch=+327",Yaw=-449"	', Yaw=-449"

103:40 DOI=13		SMM Pointing:	S22W26		Pitch=+413", Yaw=-384", Roll=Odeg	", Roll=0deg	H.Ang=37deg
GOES 09:42 09:46 HXRBS 09:47:16 09:49:2E UVSP 09:49	5 09:50:19	Importance=Bl Peakc/s=90 Wavelength=1336A	Qual=04 Qual=01 T Code=02 E	Tot Cts=3068 Exp #=20219	MaxkeV=270 Flags=AX Rast=130"x130" Step=1"		Pitch=+455",Yaw=-330"
t # = 7371 7/17,10:47 DOY=199	7	SMM Pointing:	S22W27		Pitch=+413", Yaw=-395	, Yaw=-395", Roll=0deg	H.Ang=37deg
reak 10:47 9 10:44	End times 10:50 :43 10:45:15	Importance=B1 Peakc/s=84 Wavelength=2706A	Qual=02 Qual=01	Exp #=20221	MaxkeV=129 Flags=AX Rast=180"x1" Step=0"		Pitch=+327",Yaw=-297"
			84/07/20	D0Y=202			
Event # = 20/21 84/07/20,11:56 DOY=202	į	SMM Pointing:	S09W86		Pitch=+149", Yaw=-933", Roll=Odeg	", Roll=0deg	H.Ang=87deg
tart reak	end times	Code=EPL	\$25¥90		Carr	Carr. Lon.=52deg	H.Ang=92deg
04:02 11:56		Wavelength=1336A PA=240deg	Ųua i =00 E	Exp #=20258	Rast=63"x63" Step=3"		Pitch=+159",Yaw=-845"
			84/07/21	DOY=203			
Event # = 20722 84/07/21,13:45 D0Y=203	3	SMM Pointing:	N10W87	,	Pitch=-164", Yaw=-930", Roll=Odeg	", Roll=Odeg	H.Ang=87deg
רמו ר בפע		Code=ASR	N15E90		Carr	Carr.Lon.=218deg	H.Ang=89deg
13:43 13:45		₩avelength=1332A PA=75deg	Qua 1 -00	Exp #=20278	Rast=265"x265" Step=5"		Pitch=-186", Yaw=-929"
\P*\			84/07/22	D0Y=204			
Event # = /3/2 84/07/22,08:10 DOY=204	4	SMM Pointing:	N89E03		Pitch=-944",Yaw=+1",Roll=Odeg	Roll=Odeg	H.Ang=84deg
			NO6W17	AR4545	Mac.=DA0 Carr	Carr.Lon.=314deg	H.Ang=17deg
08:09:29 08:09:57 08:12	57 08:10:11	importance-ti Peakc/s=436 Wavelength=2704A	Qual=01 Qual=01 T Code=02 E	Tot Cts=3085 Exp #=20301	MaxkeV=88 Rast=180"x15" Step=2"	Pitch≖+7"	, Yaw=+948"
ć c			84/07/25	D0Y=207			
t # = /393 7/25,20:57 DOY=207 Start Deak	7 Fnd times	SMM Pointing:	S32W67		Pitch=+527", Yaw=-742", Roll=Odeg	",Roll=0deg	H.Ang=74deg
	20:	Peakc/s=138 Wavelength=1336A	Qua]=00 Qua]=01	Tot Cts=592 Exp #=20388	MaxkeV=403 Rast=258"x258" Step=3"	=3" Pitch=+504",Yaw=-740"	', Yaw=-740"

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			84/07/26 DOY=208		
	0			Di+ch=+147" Yaw=-877" Roll=Odea	H. Ang=70deg
84/07/26,08:02 DOY=208 Ctart Deak	208 Fnd times	SMM Pointing:	50/ M09	6000 1001 100-401 1 100 L	
רמו ר		Code=APR	N22E90	Carr.Lon.=155deg	H.Ang≖88deg
GUES UVSP 08:19 C/P 08:02 Radio Frequency(MHz)/Flux(sfu)		Wavelength=1336A PA=55deg 245/24 410/4	Bulge in stre	Rast=258"x258" Step=3" Pitch=+1	Pitch=+123",Yaw=-879"
			84/07/28 D0Y=210		
Event # = 7394 84/07/28,09:33 D0Y=210 Start Peak GOES HXRBS 09:33:40 09:33:49 UVSP 09:08	210 End times 3:49 09:34:20	Peakc/s=70 Wavelength=1336A	Qual=00 Qual=01 Exp #=20432	MaxkeV=404 Rast=258"x258" Step=3" Pitch=+!	Pitch=+513",Yaw=-789"
Event # = 20723 84/07/28,16:59 DOY=210 Start Peak GOES UWSP 17:19 C/P 16:59	210 End times	₩avelength=1336A PA=100deg	Qual=00 Exp #=20439	Rast=258"x258" Step=3" Pitch=+513"	513", Yaw=-789"
			84/07/29 D0Y=211		
Event # = 7395 84/07/29,14:47 DOY=21	211	SMM Pointing:		Pitch=-230", Yaw=+919", Roll=Odeg	
Start Peak HXRBS 14:46:45 14:47 UVSP 14:39	Peak End times 14:47:04 14:47:43	Peakc/s=109 Wavelength=1336A	Qual=01 Tot Cts=1150 Exp #=20467	Maxkev=220 Flags=NS,GB Rast=258"x258" Step=3" Pitch=-240",Yaw=+912"	240", Yaw=+912"
Event # = 7396 84/07/29,15:27 DOY=211	211 End times	SMM Pointing:		Pitch=-230", Yaw=+919", Roll=Odeg	
	10	Peakc/s=74 Wavelength=1336A	Qual=00 Qual=01 Tot Cts=819 Exp #=20468	MaxkeV=271 Rast=258"x258" Step=3" Pitch=-	Pitch=-240",Yaw=+912"
			84/07/30 D0Y=212		
Event # = 20724 84/07/30,00:49 DOY=212		SMM Pointing:	S08E79	Pitch=+146", Yaw=+922", Roll=Odeg	H.Ang=80deg
start	End times	HaClass=SF Code=ASR	\$17E86 AR4552 \$16E90	Carr.Lon.=110deg Carr.Lon.=106deg	H.Ang=88deg H.Ang=92deg
GOES UVSP 00:24 C/P 00:49		Wavelength=1335A PA=108deg	Qual=00 Exp #=20480	Rast=128"x128" Step=1" Pitch=+69"	69", Yaw=+981"
			84/08/02 DOY=215		
Event # = 7404 84/08/02,22:36 DOY=21	215 End +imos	SMM Pointing:	N38E89	Pitch=-582", Yaw=+746", Roll=Odeg	H.Ang=86deg
	6:28 22:4	Peakc/s=122	Qual=00 Tot Cts=11287	MaxkeV=109	

			84/08/03 D0Y=216		
Event # = 7405 84/08/03,01:01 Start	DOY=216 Peak Fnd times	SMM Pointing:		Pitch=+357", Yaw=+435", Roll=Odeg	H.Ang=36deg
GOES HXRBS 00:59:16	01:01:47	:33 Peakc/s=74	Qual=00 Qual=01	MaxkeV=151 Flags=AX	
Fvent # = 7407			84/08/05 D0Y=218		
84/08/05,23:52 Start	DOY=218 Peak	SMM Pointing:	S17W10	Pitch=+370", Yaw=-158", Roll=Odeg	H.Ang=25deg
GOES 23:46 HXRBS 23:47:55 UVSP	23:52 23:54 5 23:48:02 23:48:30	Importance=B2 :30 Peakc/s=103	Qual=03 Qual=01 Tot Cts=996	MaxkeV=404 Flags=NS,GB Pitch=+357",Yaw=-167	57",Yaw=-167"
7400			84/08/06 DOY=219		
Event # = /408 84/08/06,00:49 Start	DOY=219 Peak End time	SMM Pointing:	S17W11	Pitch=+370", Yaw=-172", Roll=Odeg	H.Ang=26deg
Optical GOES 00:43	00:49 00:	HaClass=SN	NO7E55 AR4554	Mac.=CAO Carr.Lon.=48deg	H.Ang=55deg
HXRBS 00:46:41 UVSP	00:47:02 00:47	:49 Peak	Qual=01	MaxkeV=48 Pitch=+35	Pitch=+356", Yaw=-180"
			84/08/14 DOY=227		
Event # = 20700 84/08/14,02:12 Start	DOY=227 Deat End	SMM Pointing:		Pitch=-67", Yaw=-747", Roll=Odeg	H.Ang=52deg
Optical Optical	בווח	Code=ASR Code=ASR	S15E90 S45E90	Carr. Lon. =267deg Carr. Lon. =267deg	H.Ang=92deg
G/P 02:12		PA=126deg	Qual=00 Motion of helmet streamer		7 7 7
Event # = 20629 84/08/14,06:58 Start	00Y=227	SMM Pointing:	NO8W55	Pitch=-70", Yaw=-767", Roll=Odeg	H.Ang=54deg
Optical 60FS 06:48	06:58 07:3	2	N09W55 AR4554	Mac.=CRO Carr.Lon.=49deg	H.Ang=54deg
BCS 06:56 FCS	06:58 07:19 07:00	Capeak.c/s=36 Peak3c/s=49	Qual= 5 FePeak=06:58	FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=3840s	XEN=422700 3840s/pixel
Even+ # - 20630			84/08/18 D0Y=231		
84/08/18,05:59 Start	DOY=231 Peak End time	U	NO7W87	Pitch=-113", Yaw=-941", Roll=Odeg	H.Ang≂86deg
Optical GOES 05:43	05:59	1	NO3W83 AR4563	Carr.Lon.=25deg	H.Ang=83deg
BCS 05:54 FCS Radio Sweeps	05:57 06:02 05:58 Type/Intensity:	CaPeak.c/s=34 Peak3c/s=12 y: III/1	Qual= 1 FePeak=05:57	FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=16.4s	XEN=423100 16.38s/pixel

1 1 1 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
End times 10:08 10:08 10:03 22:59 22:59 23:27 23
31 31 31 32 32 332 332 332 332 332 332 3

Event # = 7432 84/08/24,05:09 Start								
5	D0Y=237 Peak	End times	SMM Pointing:	N13E68		Pitch=-170", Yaw=+858", Roll=Odeg	158", Roll=Odeg	H.Ang=67deg
GOES HXRBS 05:08:54		05:0	Peakc/s=85	Qua]=00 Qua]=01	Tot Cts=229	MaxkeV=48		
Event # = 7433 84/08/24,12:23 Start	D0Y=237 Peak	End times	SMM Pointing:	N13E68		Pitch=-170", Yaw=+858", Roll=Odeg	58", Roll=0deg	H.Ang=67deg
GOES HXRBS 12:22:13	12:23	:40 12:25:15	Peakc/s=88	Qual=00 Qual=01	Tot Cts=2381	MaxkeV=197 F1	Flags=AX	
1014				84/08/26	6 D0Y=239			
event # = /434 84/08/26,02:17 Start	D0Y=239 Peak	End times	SMM Pointing:	S17W23		Pitch=+378", Yaw=-351", Roll=Odeg	51", Roll=Odeg	H.Ang=33deg
Optical GOES 02:03	02:17	02:22	HaClass=SB Importance=C3	\$06E63 0ua1=01	AR4567	Mac.=CAO Ca	Carr.Lon.=135deg	H.Ang≕64deg
BS 02:13:4)	02:13:47 02:14:13	02:15:54	Peakc/s=95	Qual=01	Tot Cts=1559	MaxkeV=48		
Radio Frequer	Frequency(MHz)/Flux(sfu)	lux(sfu):	410/13 4995/2 88	8800/4 15400/3	0/3		Pitch=+365	Pitch=+365",Yaw=-356"
Event # = 7435 84/08/26,05:26 Start	D0Y=239 Peak	End times	SMM Pointing:	S17W24		Pitch=+377", Yaw=-376", Roll=0deg	76", Roll=0deg	H.Ang=34deg
ical S 05:20			HaClass=SN	S06E62	AR4567	Mac.=CAO Ca	Carr.Lon.=134deg	H.Ang=63deg
HXRBS 05:22:35 UVSP	05:24:03	05:25:52	Peakc/s=80	Qua]=01	Tot Cts=2980	MaxkeV=48	= V35T=4>+:0	1 200 Tirey
							+ 00-1001	TOC-LMD!
ot # = 7436				84/09/06	5 D0Y=250			
84/09/06,19:54 Start	D0Y=250 Peak	End times	SMM Pointing:			Pitch=+233",Yaw=-1007",Roll=0deg	007", Roll=0deg	
Optical GOES 19:49		19:56	HaClass=SN	N10W65	AR4575	Mac.=8X0 Ca	Carr.Lon.=108deg	H.Ang=64deg
35 19:50:11	19:51:06	19:53:00	Peakc/s=175	Qual=01	Tot Cts=2526	MaxkeV=109		
00701 - 1 +0				84/09/08	3 D0Y=252			
84/09/08,19:57 Start	DOY=252 Peak	Fnd times	SMM Pointing:	S04E44		Pitch=+152", Yaw=+6	, Yaw=+659", Roll=0deg	H.Ang=45deg
BS 19:57:34 P 20:33	19:57:35	19:57:39	Peakc/s=134 Wavelength=1336A	Qual=01	Tot Cts=163 Exp #=20886	MaxkeV=405 Fla Rast=240"x240" Ste	Flags=NS,GB Step=3" Pitch=+140",Yaw=+645"	', Yaw=+645"
nt # = 7437 09/08,20:44 Start	DOY=252	Fnd + impe	SMM Pointing:	S04E43		Pitch=+152", Yaw=+648", Roll=Odeg	18", Roll=0deg	H.Ang=44deg
GOES 20:40 HXRBS 20:41:31 UVSP 20:41	20:41:48	20:47 20:42:45	Importance=B6 Peakc/s=68 Wavelength=1336A	Qual=01 Qual=01 Code=00	Exp #=20887	MaxkeV=48 Rast=63"x63" Ste	Step=3" Pitch=+147"	Pitch=+147", Yaw=+629"

Event # = 8356	1					= Ne V "07 -42+50	Vav.=_1007" Doll=0ded]=Odea	
84/09/08,23	:59 DOY=252	Cnd +imo	SMM Pointing:			FILCH/9 , 1986	100' (001-	fano-	
Optical				N13W90	AR4575	Mac.=DA0	Carr.Lon.=104deg	=104deg	H.Ang=88deg
GOES 23:50 HXRBS 23:57: BCS 23:57	23:59 7:07 23:57:27 7 00:00	00:04 23:57:53 00:05	rtance=uz c/s=253 ak.c/s=126	Qual=01 Qual=01 Qual= 1	Tot Cts=4599 FePeak=23:59	MaxkeV=88 FePeak.c/s=26	Flags=I #Peaks=1	200 - Pe J	XEN=425200
23:4	23:58 2		Peak3c/s=22 Wavelength=2704A	Code=00	Exp #=20893	Rast=300 x300 Rast=240"x240"		cau- 9228 Pitch=-92",	Yaw=-1012"
				84/09/09) D0Y=253				
Event $\# = 2$ 84/09/09,09	0633 :53	1	SMM Pointing:		AR4575				
Start GOES 09:43 BCS 09:48	2 Peak 3 09:53 8 09:51	End times 10:02 09:56	Importance=87 CaPeak.c/s=25	Qual=01 Qual= 1	FePeak=09:51	FePeak.c/s=11	#Peaks=1 <+en=0"	dt= 7.7s Cad=3840s	XEN=425300 3840s/pixel
FCS UVSP 09:50			Peaksc/s=19 Wavelength=1336A	Code=00	Exp #=20899	Rast=258"x258"	Step=3"	_	, Yaw=-1012"
				84/09/10	D0Y=254				
Event # = 2070 84/09/10,01:38	= 20701 ,01:38 DOY=254		SMM Pointing:	S04E27		Pitch=+172",Yaw	, Yaw=+437", Rol	, Roll=Odeg	H.Ang=29deg
Star Optical Optical		End times	Code=APR Code=ASR	N25E90 N03E90			Carr.Lon.=270deg Carr.Lon.=270deg	=270deg =270deg	H.Ang=87deg H.Ang=90deg
GOES UVSP 01:0 C/P 01:3 Radio Fre	01:01 01:38 Extrap St=09/09,19:00 Frequency(MHz)/Flux(sfu):	09/09,19:00 Flux(sfu):	Wavelength=1336A PA=65deg 245/23 410/8	Qual=00 Exp Loop visible	#=20921 late ir	Rast=63"x63" event	Step=3"	Pitch=+181"	", Yaw=+460"
Event # = 20702 84/09/10,13:33	0702 :33 DOY=254		SMM Pointing:	S04E21		Pitch=+178", Yaw	, Yaw=+339", Roll=Odeg]=0deg	H.Ang≃24deg
GOES UVSP 13:50 C/P 13:33	Peak rap	End times St=09/10,02:35	Wavelength=1336A PA=325deg	Qual=00 Wisp	Exp #=20936	Rast=240"x240"	Step=3"	Pitch=+165	Pitch=+165",Yaw≖+322"
				84/09/13	3 DOY=257				
Event # = 7438 84/09/13,17:20	438 :20 DOY=257 + Beat	Fnd +imes	SMM Pointing:	S14W51		Pitch=+301",Yaw=-724",Roll=Odeg	v≖-724",Rol]=0deg	H.Ang=55deg
GOES HXRBS 17:19: UVSP 17:03		17:2	Peakc/s=86 Wavelength=1336A	Qual=00 Qual=01	Tot Cts=1700 Exp #=21018	MaxkeV=405 Rast=258"x258"	Step=3"	Pitch=+288",	", Yaw=-727"
Event # = 7439 84/09/13,22:21	439 ::21 D0Y=257	1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	SMM Pointing:	S14W53		Pitch=+298", Yaw=-743", Roll=Odeg	4=-743",Ro]	1=0deg	H.Ang=57deg
GOES HXRBS 22:2 UVSP 21:4	_	3 22:3	Peakc/s≖67 Wavelength=1336A	Qual=00 Qual=01	Tot Cts=430 Exp #=21024	MaxkeV=271 Rast=258"x258"	Step=3"	Pitch=+284	Pitch=+284",Yaw=-752"

### Pointing: 10 13 13 13 13 13 14 14			84/09/17 007=261	
14:34:31 14:35:54 Peakc/s=73 Qual=00	# = 7442 /17,14:34 DOY=261 Start Peak Fnd	SE		Pitch=+244", Yaw=-931", Roll=Odeg
DOY=261 SMM Pointing: S06E86 Pitch=+112", Yaw=+949", Roll 18:52:30 18:52:35 Peakc/s=116 Qual=01 Tot Cts=325 MaxkeV=325 Flags=NS, Else, Roll 18:52:30 18:52:35 Peakc/s=116 Qual=01 Tot Cts=325 MaxkeV=325 Flags=NS, Else, Roll Peak Code=APR N22E90 Carr.Lon=Code=APR RA2E90 Carr.Lon=Carr.Lon=Carr.Lon=Beak Boy SMM Pointing: S06E86 Pitch=+116", Yaw=+949", Roll Peak SMM Pointing: S06E86 Pitch=+116", Yaw=+949", Roll Peak SMM Pointing: S06E86 Pitch=+116", Yaw=+949", Roll Peak SMM Pointing: N01E82 Pitch=+948", Yaw=+1", Roll=9 Peak End times SMM Pointing: N01E82 Pitch=+948", Yaw=+1", Roll=9 Peak End times SMM Pointing: S23W81 Pitch=-1448", Yaw=-949", Roll=9 Peak End times SMM Pointing: S23W81 Pitch=-114", Yaw=-949", Roll=9 Peak End times SMM Pointing: S23W81 Pitch=-114", Yaw=-922", Roll=9 Peak Code=APR S04	14:34:31 14:3	Pea ¥av	Tot Exp	
DOY=261 SMM Pointing: \$22E78 Peak Table St=09/17,20:52 PA=50deg Table St=09/17,20:52 Pa=40", Yaw=+949", Roll=09 Table St=09/17,20:52 Pa=40", Yaw=+1", Roll=09 Table St=09/17,20:52 Pa=50deg Table St=09/17,20:52 Pa=50deg Table St=09/17,20:52 Pa=50deg Table St=09/17,20:52 Pa=499", Roll=09 Table St=09/17, Yaw=+949", Roll=09 Table St=09/17, Yaw=+10, Roll=	DOY=261 Peak 18.52.30	SME		Pitch=+112", Yaw=+949", Roll=Odeg H. Ang=87deg
Navelength=1336A	D0Y=261	₹	2	7aw=+939"
Navelength=1336A	Peak End		N22E90 Oual=00	on.=167deg
DOY=265 End times N19E59 Navelength=1549A Faint loop 84/09/24 DOY=268 Faint loop 84/09/24 DOY=272 DOY=272 SMM Pointing: S23W81 Peak S15E90 SMM Pointing: S23W81 DOY=272 SMM Pointing: S23W81 Peak S15E90 Exp #=21370 Rast=240"x240" Step=3" Rat/09/28 Pitch=+948", Yaw=+1", Roll=9 Pitch=+948", Yaw=-949", Roll=9 Paxkev=48 Maxkev=48 Maxkev=68 Avilo/01 Exp #=21390 Maxkev=68 Maxkev=68 Avilo/01 Exp #=21390 Maxkev=68 Maxkev=68 Maxkev=68 Maxkev=68 Maxkev=68 Avilo/01 Exp #=21390 Maxkev=68 Maxkev=68 Maxkev=68 Maxkev=68 Maxkev=68 Maxkev=68 Maxkev=68 Maxkev=68 Avilo/01 Exp #=21390 Maxkev=68 S4/10/01 Exp #=21390 Maxkev=68 Maxkev=69 Maxkev=68 M	22:00 21:59 Extrap St=09/17,20		Exp #=21111 Thin, partial loop	=
DOY=265 Peak End times N19E59 N19E59 N19E59 N19E59 N19E59 N19E59 N19E59 Nayelength=1549A Faint loop B4709/24 DOY=268 End times SMM Pointing: DOY=272 DOY=272 DOY=272 DOY=272 SMM Pointing: S13M81 Peak End times SMM Pointing: S23W81 DOY=275 DOY=275 B4710/01 BAXEW=68 Pitch=+116", Yaw=+949", Roll=01 Rast=240"x240" Step=3" B4709/28 DOY=272 DOY=272 B4709/28 BAXEW=68 Pitch=+948", Yaw=+1", Roll=99 Pitch=+948", Yaw=-949", Roll=99 Peak B4709/28 DOY=272 DOY=275 BAY10/01 DOY=275 DOY=275 BAY10/01 BAXEW=68 Carr.Lon.= Carr.Lon.= Mavelength=1397A Bast=180"x1" Sten=0" Carr.Lon.= Carr.Lon.= Carr.Lon.= Mavelength=1397A	2013 + - 30136			
N19E59	- 20/20 ,23:41 DOY=265 :tart Peak End time	SMM Pointing	S06E86	Pitch=+116", Yaw=+949", Roll=Odeg H.Ang=87deg
Wavelength=1549A	3	1	N19E59	Carr.Lon.=144deg H.Ang=58deg
DOY=268 Peak End times O2:25:24 O2:26:34 Peakc/s=64 Qual=01 Tot Cts=485 Maxkey=48 Maxevelength=3110A DOY=272 DOY=272 SMM Pointing: S23481 Peak End times Code=APR Code=APR Code=APR S4/09/24 DOY=268 Pitch=+948", Yaw=+1", Roll=9 Pitch=+948", Yaw=+1", Roll=9 Pitch=+948", Yaw=+1", Roll=9 Raxkey=48 Raxkey=48 Raxkey=48 Raxkey=48 Raxkey=48 Raxkey=48 Raxkey=48 Raxkey=68 Maxkey=68 Maxkey=68 Maxkey=68 Maxkey=68 Maxkey=68 Maxkey=68 Maxkey=68 Maxkey=68 Rast=240"x240" Step=3" Rayl10/01 DOY=275 Pitch=-11", Yaw=-949", Roll=00 Carr.Lon.= Code=APR S15E90 Exp #=21481 Rast=180"x1" Step=6" Carr.Lon.= Code=APR Raylon=00 Exp #=21481 Raylon=00 Carr.Lon.= Code=APR Raylon=00 Carr.Lon.= Code=APR Raylon=00 Carr.Lon.= Code=APR Raylon=00 Code=APR R	3:18 3:41 Extrap St=09/21,20			
DOY=268 SMM Pointing: NOIE82 Pitch=+948", Yaw=+1", Roll=9 Peak Qual=00 Qual=00 Tot Cts=485 Maxkev=48 02:25:24 O2:26:34 Peakc/s=64 Qual=01 Tot Cts=485 Maxkev=48 007=272 R4/09/28 D0Y=272 Rast=240"x240" Step=3" 21:11:50 21:13:06 Peakc/s=81 Qual=01 Pitch=-114", Yaw=-949", Roll=01 21:11:50 21:13:06 Peakc/s=81 Qual=01 Raxkev=68 Rast=240"x240" Step=3" 84/10/01 D0Y=275 Rast=240"x240" Step=3" Rast=240"x240" Step=3" 84/10/01 D0Y=275 Rast=240"x240" Step=3" R4/10/01 D0Y=275 Rast=240"x240" Step=3" R4/10/01 D0Y=275 Rast=240"x240" Step=3" R4/10/01 D0Y=275 Rast=240"x240" Step=3" R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 R4/10/01 <td></td> <td></td> <td></td> <td></td>				
02:25:24 02:26:34 Peakc/s=64 Qual=01 Tot Cts=485 Maxkev=48 Wavelength=3110A Exp #=21240 Rast=240"x240" Step=3" 84/09/28 D0Y=272 84/09/28 D0Y=272 84/09/28 D0Y=272 84/09/28 D0Y=272 Peak End times Qual=00 Waxev=68 Wavelength=1548A End times Code=APR S08E90 Code=APR S08E90 Exp #=21240 Rast=240" Step=3" 84/10/01 D0Y=275 Peak Code=APR S08E90 Code=APR S08E90 Wavelength=1397A Exp #=21481 Rast=180"x1" Sten=0" Qual=00 Exp #=21481 Rast=180"x1" Sten=0" Wavelength=1397A Exp #=21481 Rast=180"x1" Sten=0"	DOY≈268 Peak Fnd	SMR	N01E82	Pitch=+948", Yaw=+1", Roll=90deg H.Ang=82deg
DOY=272 DOY=272 DOY=272 DOY=272 SMM Pointing: S23W81 Peak 21:11:50 21:13:06 Peakc/s=81 Qual=00 Wavelength=1548A DOY=275 Maxkey=68 Raxkey=68 Raxkey=88 Raxkey=68 Raxkey=88 Rayli0/01 Raylin Ray	02:25:24 02:2	,	Exp	
DOY=272 Peak End times Qual=00 Qual=00 Qual=01 Wavelength=1548A 21:11:50 21:13:06 Peakc/s=81 Qual=01 Wavelength=1548A Raxkev=68 Raxkev=68 Rast=240"x240" Step=3" 84/10/01 DOY=275 Peak End times Code=APR SO8E90 Code=APR S15E90 Wavelength=1397A Exp #=21481 Rast=180"x1", Yaw=-949", Roll=00 Carr.Lon.= Code=APR S15E90 Qual=00 Exp #=21481 Rast=180"x1" Step=0"				
21:11:50 21:13:06 Peakc/s=81 Qual=01 Exp #=21390 Rast=240"x240" Step=3" Wavelength=1548A	# = 7448 /28,21:11 DOY=272 Start Peak End	SMM	S23W81	Pitch=-114", Yaw=-949", Roll=31deg H.Ang=85deg
D0Y=275 SMM Pointing: NO2W74 Peak End times Code=APR S08E90 Code=APR S15E90 Co	21:10:53 21:11:50 21:1 21:10	Peakc/s=81 Wavelength=1548A	Exp	
DOY=275 SMM Pointing: NO2W74 Pitch=-1",Yaw=-922",Roll=0 Peak End times Code=APR S08E90 Carr.Lon.= Code=APR S15E90 Carr.Lon.= Qual=00 Exp #=21481 Rast=180"x1" Sten=0"	0+ # = 20703			
Code=APR	DOY=275 Peak End time	SMM Pointing:	NO2W74	Pitch=-1", Yaw=-922", Roll=Odeg H.Ang=74deg
10:03 Wavelength=1397A Exp #=21481 Rast=180"x1" S+en=0"		Code=APR Code=APR	\$08E90 \$15E90	Carr.Lon.=348deg H.Ang=91deg Carr.Lon.=348deg H.Ang=92deg
10:39 Extrap St=10/01,12:59 PA=135deg Streamer with interior darkshell, bright mound	P 10:03 10:39 Extrap St=10/01,12:59	Wavelength=1397A PA=135deg	Exp #=21481 with interior	Rast=180"x1" Step=0" Pitch=-3",Yaw=-921" darkshell, bright mound

			84/10/02 D0Y=276			
# = 20704 /02,16:07	DOY=276	SMM Pointing:	S07W80	Pitch=+134",Yaw=-939",Roll=Odeg		H.Ang=81deg
Start 16:05 16:07 Ex	Peak	Wavelength=1388A PA=107deg	Qual=00 Exp #=21542 Streamer with bright	Rast=3"x3" Step=0"	" pitch=+136",Yaw=-948	Yaw=-948"
			84/10/08 D0Y=282			
Event # = 7449 84/10/08,13:37	DOY=282 Doat Find times	SMM Pointing:	N02E71	Pitch=+0",Yaw=+912",Roll=Odeg		H.Ang=71deg
GOES HXRBS 13:36:20	13:37:20 13:3	Peakc/s=101	Qual=00 Qual=01 Tot Cts=2666	MaxkeV=109 Flags=AX	AX	
Event # = 7450 84/10/08,15:15	DOY=282	SMM Pointing:	N02E71	Pitch=+0", Yaw=+912", Roll=Odeg		H.Ang=7ldeg
GOES HXRBS 15:14:34 UVSP 15:02	15:15:39 15:1	Peakc/s=89 Wavelength=1369A	Qual=00 Qual=02 Exp #=21740	MaxkeV=109 Flags=SG Rast=180"x1" Step=0"	SG " Pitch=-3",Yaw=+913"	aw=+913"
			84/10/15 D0Y=289			
Event # = 12730 84/10/15,22:56	D0Y=289	SMM Pointing:	S20W36	Pitch=+401", Yaw=-538", Roll=Odeg		H.Ang=44deg
Start HXRBS 22:56:28 UVSP 23:17	Peak End times 3 22:56:35 22:56:43	Peakc/s=56 Wavelength=1548A	Qual=01 Tot Cts=53 Exp #=21910	MaxkeV=174 Flags= Rast=240"x240" Step=3	Flags=NS,GB Step=3" Pitch=+384",Yaw=-527"	, Yaw=-527"
			84/10/16 DOY=290			
Event # = 20705 84/10/16,00:55	D0Y=290	SMM Pointing:	S20W38	Pitch=+400", Yaw=-559", Roll=Odeg		H.Ang=45deg
Start 00:52 00:55 E	Feak End times Extrap St=10/16,13:00	Wavelength=1548A PA=17deg	Qual=00 Exp #=21913 Bright mound	Rast=240"x240" Step=3"	3" Pitch=+383",Yaw=-537"	, Үам=-537"
			84/10/18 D0Y=292			
Event # = 20706 84/10/18,06:27	D0Y=292	SMM Pointing:	N05E22	Pitch=+3",Yaw=+364",Roll=Odeg		H.Ang=22deg
Start al	Peak End times	Code=EPL	N16E90	Carr.L	Carr.Lon.=126deg	H.Ang≖88deg
GOES UVSP 06:21 C/P 06:27 E	Extrap St=10/18,02:06	Wavelength=1548A PA=68deg		Rast=240"x240" Step=3"	Pitch=-13"	,Yaw=+386"
			84/10/21 D0Y=295		A Committee of the Comm	
Event # = 20707 84/10/21,11:33	D0Y=295	SMM Pointing:	N18E04	Pitch=-212", Yaw=+71", Roll=Odeg		H.Ang=13deg
Start	Peak End times	Code=ASR	\$28E90	Carr.L	Carr.Lon.=84deg	H.Ang=92deg
GOES UVSP 11:26 C/P 11:33		Wavelength=1548A PA=105deg		Rast=240"x240" Step=3"	3" Pitch=-228",Yaw=+87"	, Yaw=+87"

Event # 84/11/10	Event # = 20634 84/11/10,04:37	D0Y=315		SMM Pointing:	N17E16		Pitch=-230", Yaw	, Yaw=+255", Rol1=0deg	50	H.Ang=21deg
Optical	Start	_ (d times	HaClass=1B	N17E14	AR4592	Mac.=DAO	Carr.Lon.=260deg	бә	H.Ang=19deg
8058 8058 8058	04:28 05:14	04:37 05:14 05:15	04:50 05:17	Importance=M2 CaPeak.c/s=21 Peak3c/s=14	Qual=05 Qual≖ 5	FePeak=05:14	FePeak.c/s=8 Rast=240"x240"	#Peaks=1 Step=10" Cad=	Cad= 590s	XEN≖431500 1.024s/pixel
	Sweeps Type, Frequency(MHz),		/Intensity: /Flux(sfu):	11/3 11/1 245/82000 410/12000 606/22000	000 606/22	1415/2800	2695/390 4995/670			-
Event # 84/11/1	t # = 20635 1/10,19:53	D0Y=315		SMM Pointing:	N17E07		Pitch=-229", Yaw	, Yaw=+117", Roll=Odeg		H.Ang=15deg
Optical	start.	י מ מ		HaClass=SB	N16E05	AR4592	Mac.=DAO	Carr.Lon.=260deg	6a	H.Ang=14deg
GOES BCS FCS	19:46 19:50	19:53 19:52 19:55	19:59 19:56	Importance=U9 CaPeak.c/s=32 Peak3c/s=234	(ual=01 (ual= 2	FePeak=19:52	FePeak.c/s=18 Rast=0"x0"	#Peaks=2 Step=0" Cad=	768s	XEN=431502 768.0s/pixel
Event # 84/11/1	t # = 7465 1/10,20:10	D0Y=315	1	SMM Pointing:	N17E07		Pitch=-229", Yaw	, Yaw=+117", Roll=Odeg	D	H.Ang=15deg
`-	Start	Peak	End times	HaClass=1B	N18E08	AR4592	Mac.=DA0	Carr.Lon.=257deg	eg	H.Ang=17deg
	20:02:05 20:02:05	20:07:03	3 20:08:07	Importance=m3 Peakc/s=5530	Qual=01	Tot Cts=3.64E+5	MaxkeV=246	Flags=EN		
	20:02 20:03	20:07	21:18	CaPeak.c/s=1749 Peak3c/s=373	Qual= 5	FePeak=20:07	FePeak.c/s=976 Rast=0"x0"	#Peaks=1 Step=0" Cad=	Cad= 768s	XEN=431503 768.0s/pixel
Radio S	Sweeps Frequen	Type/Intensency(MHz)/Flux(s	<pre>Intensity: lux(sfu):</pre>	11/1 111/1 V/1 245/1500 410/450	606/1200	1415/490	2695/330 4995/400 8800/730 15400/320	/730 15400/320		-
Event # 84/11/1	# = 7466 /10,20:48	D0Y=315		SMM Pointing:	N16E06		Pitch=-214", Yaw=+105",	=+105", Roll=0deg		H.Ang=14deg
GOES HXRBS	start 20:46:13		20:4	Peakc/s=71	Qua1=00 Qua1=01		MaxkeV=89			
					84/11/12	2 D0Y=317				
Event # 84/11/1	f = 8367 2, 10:17	D0Y=317		SMM Pointing:	N16W14		Pitch=-216",Yaw	,Yaw=-219",Roll=Odeg	Ð	H.Ang=18deg
g	Start	רמא 1	ומ רווו פייני	HaClass=1N	N18W16	AR4592	Mac.=DAO	Carr.Lon.=260deg	eg	H.Ang=22deg
GOES HXRBS BCS FGS	09:52 10:27:58 10:28	10:28:17 10:29:17	10:31:1 11:00	1mportance=c4 9 Peakc/s=103 CaPeak.c/s=130	Qual=03 Qual=04 Qual= 8	Tot Cts=4570 FePeak=10:28	MaxkeV=89 FePeak.c/s=13	<u>ت</u> خ	3840c	XEN=431700
,	09:56	0:29 Tung,	4	Wavelength=1551A		Exp #=22638	Rast=10"x10"	Step=0" Pitch	Pitch=+21",	Yaw=-5"
^,	sweeps Frequency	(MHz)/	Flux(sfu):	245/210 410/890	606/670 1.	606/670 1415/120 2695/25	4995/15 8800/16	15400/49		
					84/11/14	4 DOY=319				
Event # 84/11/1	= 20/2/ 4,00:22 Stant	00Y=319	1 + Pol	SMM Pointing:	N15W38		Pitch=-213", Yaw	, Yaw=-583", Roll=Odeg	6	H.Ang=40deg
GOES UVSP C/P	23:41 00:22	2 3 3	5	Wavelength=1551A PA=101deg	Qual=00	Exp #=22747	Rast=10"x10"	Step=0" Pitch	Pitch=-212",	, Yaw=-541"
		-								

DOV=321	Event # = 12	732 01 00 = 310		CMM Dointing.	N1 51/41		1 1 1 C		
DOY=321	04/11/14,04.	Peak	Fnd time		T DMCTN		Pitch=-215", Ya	, Yaw=-620", Roil=0deg	H.Ang=42deg
DOY=321	HXRBS 04:01	04:01	53 04:01:57	Peak	Qua1=01	Tot Cts=40	MaxkeV=222	Flags=NS,GB	
DOY=321 Feak 14:145	0.0	•			84/11/1	1			
14:24 14:14:57 14:18:41	4/1]	DOY=32	Fod +	SMS	N15W72		Pitch=-237",Ya	w=-894", Roll=0deg	H.Ang=72deg
7. 14:14:57 14:18:41	Optical GOFS 14.02	14.2	·	Ha.	N17W74	AR4592		Carr.Lon.=263deg	I H.Ang=74deg
DOY=321	HXRBS 14:12 UVSP 15:13	14:14:	14:18:	Peakc/s=171 Wavelength=3084A	Qual=01 Qual=01	Tot Cts=6014 Exp #=22909	MaxkeV=109 Rast=15"x15"	Step=3" Pitch=	Pitch=+125",Yaw=+253"
xtrap St=11/16,11:00 PA=286deg 2	1	520 14 DOY=321 Peak	End						
2 DOY=322		rap St		Wave PA=2		Exp #=22912	Rast=3"x3"	Step=0" Pitch=	Pitch=+53",Yaw=+397"
N18E80	00 - # +0000	113							
xtrap St=11/17,12:21 PA=75deg	84/11/17,23:	12 DOY=322 Peak	F P	Pointing	N10W72		Pitch≖-156",Ya	, Yaw=-910", Roll=Odeg	H.Ang≖72deg
xtrap St=11/17,12:21 PA=75deg	Optical	5	2		N18E80			Carr.Lon.=91deg	H.Ang=80deg
3 DOY=324 SMM Pointing: \$10E87 Pitch=+168", Yaw=Peak End times		Extrap St	, 12	Wavel PA=75	Wisp or	Exp #=22951 part of loop	Rast=250"x250"	Step=10"	Pitch=-172",Yaw=-888"
DOV=324 Peak End times 6 22:32:39 22:33:25 Peakc/s=73 Qual=01 DOV=327 Bayelength=1548A Bay11/22 DOY=327 Bay11/22 DOY=327 Bay11/22 DOY=327 Bay11/22 DOY=327 Bay11/22 DOY=327 Bay11/24 DOY=329 Type/Intensity: Type/Intensity: Type/Intensity: Bay11/24 DOY=329 Bay11/24 Bay11/	- # +====	793			84/11/1				
6 22:32:39 22:33:25 Peakc/s=73 Qual=01 Tot Cts=592 Maxkev=222 Wavelength=1548A Exp #=23024 Rast=39"x39" D0Y=327	84/11/19,22:	DOY=32 Peak	Fnd time	SMM Pointing	S10E87		Pitch=+168",Ya	, Yaw=+957", Roll=0deg	H.Ang=87deg
DOY=327 DOY=327 Peak End times HaClass=SF S12E50 O5:18 O5:21 Importance=B3 Qual=O1 C 05:15:37 O5:15:58 Peakc/s=154 Qual=O1 Type/Intensity: III/3 Type/Intensity: III/3 DOY=329 SMM Pointing: S13E22 B4/11/24 DOY=329 Peak Code=EPL N18W90 Exp #=23258 Rast=120"x120" Wavelength=1373A B4/11/24 DOY=3258 Rast=120"x120"	HXRBS 22:32 UVSP 22:02	22:32	22:33:25	Peak		Tot Cts=592 Exp #=23024	MaxkeV=222 Rast=39"x39"	Flags=NS,GB Step=3" Pitch=+200",Yaw=+951"	:+200", Yaw=+951"
D0Y=327 Peak End times HaClass=SF S12E50 AR4598 Mac.=EH0 05:18 05:21 Importance=B3 Qual=01 2 05:15:37 05:15:58 Peakc/s=154 Qual=01 Type/Intensity: III/3 Mayelength=3108A Code=02 Exp #=23126 Rast=243"x243" SMM Pointing: S13E22 B4/11/24 D0Y=329 Peak End times Code=EPL N18W90 Wayelength=1373A Exp #=23258 Rast=120"x120"	7 7 7 7				84/11/2				
05:18 05:21 Importance=B3 Qual=01	Event # = /4, 84/11/22,05:1 Start		+ : #	SMM Pointing	S83W00		Pitch=+970",Ya	, Yaw=+1", Roll=Odeg	H.Ang=85deg
75:14:12 05:15:37 05:15:58 Peakc/s=154 Qual=01 Tot Cts=2798 Maxkev=48 Navelength=3108A Code=02 Exp #=23126 Rast=243"x243" Frequency(MHz)/Flux(sfu): 245/100 410/15 = 20713 = 20713 SMM Pointing: S13E22 Code=EPL N18W90 Navelength=1373A Exp #=23258 Rast=120"x120"	Optical 60ES 05:12		1	HaClass=SF Importance=R3	\$12E50	AR4598	Mac.=EHO	Carr.Lon.=65deg	H.Ang=52deg
= 20713 1,17:04 D0Y=329 SMM Pointing: S13E22 Start Peak End times Code=EPL N18W90 Qual=00 Exp #=23258 Rast=120"x120"	\sim	:12 05:15:3 Type/ tency(MHz)/	140 4-	oc/s=154 ength=3108A 00 410/15	Qual=01 Code=02	Tot Cts=2798 Exp #=23126	MaxkeV=48 Rast=243"x243"	Step=3" Pitch=	Pitch=-998",Yaw=+55"
1,17:04 D0Y=329 SMM Pointing: S13E22 Pitch=+245",Yaw= Start Peak End times Code=EPL N18W90 Qual=00 Exp #=23258 Rast=120"x120"	Fvent # = 207	13			84/11/24				
Code=EPL N18W90 Qual=00 Wavelength=1373A Exp #=23258 Rast=120"x120"	84/11/24,17:0 Start	_	End time	Pointing	\$13E22		Pitch=+245",Ya	w=+353", Roll=0deg	H.Ang=26deg
16:53 Havelength=1373A Exp #=23258 Rast=120"x120"	Optical GOFS			e=EPL	N18W90			Carr.Lon.=172deg	H.Ang=90deg
I/:U4 EXTrap St=II/24,12:26 PA=2	UVSP 16:53 C/P 17:04	Extrap St=	St=11/24,12:26	Wavelength=1373A PA=292deg	, da	Exp #=23258	Rast=120"x120"	Step=10" Pitch=	Pitch=+195",Yaw=+419"

			and the second s						
vent # = 12734 4/11/25,09:08	D0Y=330	:	SMM Pointing:	\$13E13		Pitch=+247", Yaw=+209", Roll=Odeg	-+209", Roll	=0deg	H.Ang=19deg
Start	Peak ' 09:08:19	End times 09:08:25	Peakc/s=74 Wavelength=1550A	Qua1=01	Tot Cts=85 Exp #=23290	MaxkeV=407 Rast=240"x240"	Flags=NS,G Step=3"	B Pitch=+229	Flags=NS,GB Step=3" Pitch=+229",Yaw=+226"
Event # = 7476 84/11/25,23:19	D0Y=330		SMM Pointing:	S13E07		Pitch=+242", Yaw=+115"	=+115", Roll	,Roll=Odeg	H.Ang=16deg
Start		End times	HaClass=SN	\$11E09	AR4598	Mac.=EHO	Carr.Lon.=57deg	57deg	H.Ang=15deg
GOES 23:12 HXRBS 23:14:44 BCS 23:16	23:19 1 23:15:43 23:19	23:23 23:16:01 23:20	Importance=86 Peakc/s=166 CaPeak.c/s=30	Qual=01 Qual=01 Qual= 1	Tot Cts=1693 FePeak=23:19	MaxkeV=68 FePeak.c/s=7	#Peaks=2 Sten=0"	dt= 7.7s XI Cad= 768s 70	XEN=433000 768.0s/pixel
CS VSP 22:45	23:20		Peak3c/s=2/ Wavelength=1548A	Code=00	Exp #=23301	Rast=240"x240"		Pitch=+215'	", Yaw=+145"
				84/11/26	6 D0Y=331				
vent # = 7477 4/11/26,12:58	D0Y=331		SMM Pointing:	S13W01		Pitch=+243",Yaw=-15",Roll=Odeg	=-15",Roll=	0deg	H.Ang≖14deg
Start 60ES 12:56 HXRBS 12:57:54 UVSP 12:54	Peak 12:58 12:58:21	End times 12:59 12:59:06	Importance=B1 Peakc/s=85 Wavelength=2800A	Qual=01 Qual=01 Code=00	Exp #=23327	MaxkeV=89 Rast=240"x240"	Step=3"	Pitch=+225", Yaw=+7"	", Yaw=+7"
Event # = 7478 84/11/26,19:15	D0Y=331		SMM Pointing:	N07E14		Pitch=-96", Yaw=+239", Roll=0deg	+239", Roll=	•0deg	H.Ang≈15deg
Start	Peak	End times		\$12W00	AR4598	Mac.=EHO	Carr.Lon.=55deg	:55deg	H.Ang=13deg
GOES 19:11 HXRBS 19:13:22	19:15 2 19:14:43	19:11 19:15 19:19 19:13:22 19:14:43 19:16:30	Importance=C2 Peakc/s=880	Qual=01 Qual=01	Tot Cts=19025	MaxkeV=109	Flags=M	Pitch=-123	Pitch=-123",Yaw=+268"
	ıcy (MHz) /F	Frequency(MHz)/Flux(sfu):	245/390 410/490 1415/45 2695/40	1415/45 2	695/40				
				84/11/27	7 D0Y=332				
Event # = 7479 84/11/27,02:22	D0Y=332		SMM Pointing:	S13W08		Pitch=+240", Yaw=-128", Roll=Odeg	⊩-128",Roll	l=0deg	H.Ang=16deg
Start ptical	Peak	End times	HaClass=SN	S09W04	AR4598	Mac.=EKO	Carr.Lon.=55deg	=55deg	H.Ang=11deg
GOES 02:17 HXRBS 02:17:58 BCS 02:18 FCS	02:22 8 02:18:1 { 02:21 02:19	02:22 02:27 3 02:18:15 02:19:51 02:21 02:26 02:19	<pre>Importance=UZ Peakc/s=154 CaPeak.c/s=139 Peak3c/s=87</pre>	(ual=01 (ual=01 (ual= 1	Tot Cts=4585 FePeak=02:20	MaxkeV=68 FePeak.c/s=25 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s) Cad= 129s ; Di+ch=+213"	XEN=433200 129.0s/pixel " Yaw=_98"
	7/(WH2)/F	Frequency (MHz) /Flux(sfu):	245/110 410/17 6	06/23 141	/110 410/17 606/23 1415/12 2695/10 4995/10 8800/13	15/10 8800/13			200

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H.Ang=17deg	H.Ang=11deg	XEN=433201 1.024s/pixel	, Yaw=-255"	H.Ang=18deg	H.Ang=12deg	XEN=433206 1.024s/pixel	', Yaw=-269"	H.Ang=19deg	H.Ang≃90deg	', Yaw=-302"	H.Ang=19deg	H.Ang≐17deg	XEN=433208 1.024s/pixel	,Yaw=-311"	H.Ang=7deg	, Yaw=+94"
,Yaw=-156",Roll=Odeq	Carr.Lon.=55deg	#Peaks=1 dt= 3.8s X Step=0" Cad=1.02s_1	P1tch=+340	,Yaw=-171",Roll=Odeg	Carr.Lon.=55deg	#Peaks=1 dt= 3.8s X Step=0" Cad=1.02s_1	P1tch=+340'	-199", Roll=Odeg	Carr.Lon.=316deg	Pitch=+340",Yaw=-302"	-212", Roll=Odeg	Carr.Lon.=58deg	Flags=SN #Peaks=2 Step=10" Cad= 332s	Pitch=+340	56", Roll=0deg	Pitch=-125",Yaw=+94"
Pitch=+240",Yaw=	Mac.=EKO	MaxkeV=89 FePeak.c/s=13 Rast=0"x0"	995/12	Pitch=+240", Yaw=	Mac.=EKO	MaxkeV=48 FePeak.c/s=18 Rast=0"x0"	8800/6 15400/7	Pitch=+240", Yaw=-199", Roll=Odeg			Pitch=+241", Yaw=-212", Roll=Odeg	Mac.=EKO	MaxkeV=109 FePeak.c/s=113 Rast=180"x180"		Pitch=-99", Yaw=+66", Roll=0deg	MaxkeV=407
	AR4598	Tot Cts=3416 FePeak=04:52	2 150 410/46 606/200 1415/35 2695/12 4995/12		AR4598	FePeak=06:30	410/3 606/8 1415/10 2695/7 4995/7			of streamer		AR4598	Tot Cts=37152 FePeak=10:57	26/00		Tot Cts=347
S13W09	S09W05	Qual=01 Qual=01 Qual= 1	606/200 14	S13W10	\$09W06		6/8 1415/10	S13W12	\$23E90 0ual=00	Eruption of	S13W13	\$11W12	Qual=02 Qual= 1	4995/74 8800/97	N07E04	Qual=04 Qual=01
SMM Pointing:	HaClass=SF	Importance=t1 Peakc/s=189 CaPeak.c/s=70 Peak3c/s=357	III/2 245/150 410/46	SMM Pointing:	HaClass=SF	Peak(/s=75 CaPeak(/s=135 Peak3(/s=511	245/41 410/3 60	SMM Pointing:	Code=APR	PA≕115deg	SMM Pointing:	HaClass=1B	Peakc/s=397 CaPeak.c/s=586 Peak3c/s=58	1415/9 2695/30	SMM Pointing:	Importance=B1 Peakc/s=74
	End times	05:09 05:09	ntensity: lux(sfu):	End times	06:38	06:24:01 06:41	lux(sfu):	Fnd +imes			Fnd times	11.00	11:09:24 11:27	ux(sfu):	Fnd times	14:20 14:07:54
D0Y=332	Peak 04.54	04:56 04:56 04:56	Type/II cy (MHz)/F	D0Y=332 Peak	06:31	06:23:54 06:30 06:30	Frequency(MHz)/Flux(sfu)	DOY=332	Y		DOY=332 Peak	10.58	10:56:41 10:58 11:03	Frequency(MHz)/Flux(sfu)	22	14:10 14:07:34
Event # = 7480 84/11/27,04:54	Start 04.45	04:50 04:50	Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Event # = 7481 84/11/27,06:31 Start	06:19	06:23:36 06:22		Event # = 20714 84/11/27,10:27 Start		10:27	Event # = 7482 84/11/27,10:58 Start		10:54:18 10:54	Frequenc	Event # = 7483 84/11/27,14:10 Start	
Event 84/11	Optic	HXRBS BCS FCS IVSP	Rad io Rad io	Event 84/11,	Optica GOES	HXRBS BCS FCS	Radio	Event 84/11,	Optical GOES	UVSP C/P	Event 84/11/	Optica GOFS	HXRBS BCS FCS	Radio	Event 84/11/	GOES HXRBS UVSP

/+:01,/2/11/+0	100Y=332	tomit had	SMM Pointing:	N07E02		Pitch=-100", Yaw	, Yaw=+35", Roll=Odeg	H.A	H.Ang=6deg
, [a]	10.47	ר ונועם	HaClass=1B	S09W13	AR4598	Mac.=EKO	Carr.Lon.=55deg	H.A	H.Ang=17deg
GUES 18:32 HXRBS 18:46:21 BCS 18:46 FCS	18:4/ 18:46:38 18:50 18:51	18:50:19 18:53	Importance=m1 Peakc/s=114 CaPeak.c/s=31 Peak3c/s=13	Qual=03 Qual=01 Qual= 4	Tot Cts=4262 FePeak=18:49	MaxkeV=48 FePeak.c/s=14 Rast=0"x0"	#Peaks=1 dt= 7. Step=0" Cad=30	dt= 7.7s XEN= Cad=3840s 384 Bi+ch= 125" V3	XEN=433211 3840s/pixe1
_	Frequency(MHz)/F	/Flux(sfu):	606/73 2695/19 49	4995/38 8800/50	05/00			123 , 1av	00+
				84/11/28	3 D0Y=333				
Event # = 2063/ 84/11/28,00:51 C+ant	DOY=333	Fnd +impe	SMM Pointing:	N07W01		Pitch=-97",Yaw≖	, Yaw=-24", Roll=Odeg	H.A	H.Ang=6deg
Optical Sores OO:17			HaClass=1N	S08W14	AR4598	Mac.=EKO	Carr.Lon.=53deg	H.Ar	H.Ang=17deg
BCS 01:04 FCS 01:04	01:04 01:24	01:32	Capeak.c/s=187 Peak3c/s=183	Qual= 5	FePeak=01:04	FePeak.c/s=16 Rast=420"x420"	#Peaks=1 Step=10" Cad=1806s	XEN: 806s 1.00	XEN=433300 1.024s/pixel
	Frequency(MHz)/Flux(sfu)	·lux(sfu):	245/140 410/20 14	1415/62 2695/19	4995/29	8800/34 15400/23	Pitca	=+<11", Yav	
Event # = 7485 84/11/28,08:09	D0Y=333	1 (SMM Pointing:	S12W20		Pitch=+222", Yaw=-323",	/=-323", Roll=0deg	H.Ar	H.Ang=24deg
start ptical	ר המא ס פיס	3 ⁻	HaClass=SF	S11W22	AR4598	Mac.=EHO	Carr.Lon.=57deg	H.Ar	H.Ang=25deg
GUES 08:03 HXRBS 08:05:29 UVSP 07:54	08:09 08:05:36	08:15 08:05:52	Importance=B2 Peakc/s=104 Wavelength=1548A	Qual=01 Qual=01 Code=00	Tot Cts=350 Exp #=23394	MaxkeV=48 Rast=10"x10"	Step=0" Pitch	Pitch=+196",Yav	, Yaw=-353"
Event # = 20651 84/11/28,12:44	DOY=333	out;+ bull	SMM Pointing:	S12W22		Pitch=+223", Yaw	, Yaw=-361", Roll=0deg	H.Ar	H.Ang=26deg
ptical	10.4	, c	HaClass=SN	S11W25	AR4598	Mac.=EKO	Carr.Lon.=57deg	H.Ar	H.Ang=28deg
BCS 12:41 UVSP 12:37	12:43	12:46	Importance=B0 CaPeak.c/s=20 Wavelength=1548A		FePeak=12:43 Exp #=23406	FePeak.c/s=10 Rast=10"x10"	#Peaks=1 Step=0" Pitch=	XEN=433301 Pitch=+226", Yaw=-364"	=433301 w=-364"
Event # = 20652 84/11/28,12:56 Start	D0Y=333	Fnd times	SMM Pointing:	S12W22		Pitch=+223",Yaw	Pitch=+223", Yaw=-361", Roll=Odeg	H.Ar	H.Ang=26deg
ptical hec 12.53		.50	HaClass=SN	S11W25	AR4598	Mac.≖EKO	Carr.Lon.=57deg	H.Ar	H.Ang=28deg
BCS 12:55 UVSP 12:37	12:57	12:58	Importance_bo CaPeak.c/s=21 Wavelength=1548A		FePeak=12:57 Exp #=23406	FePeak.c/s=16 Rast=10"x10"	#Peaks=1 dt= 7. Step=0" Pitch=	dt= 7.7s XEN= Pitch=+226",Yaw	XEN=433302 ', Yaw=-364"
**				84/12/01	D0Y=336				
84/12/01,14:33 Start	D0Y=336 Peak	Fnd times	SMM Pointing:	S12W68		Pitch=+207",Yaw	Pitch=+207", Yaw=-885", Roll=Odeg	H.Ar	H.Ang≈69deg
Optical Optical			HaClass=SF Code=LPS	N19E90 N19E90	AR4602 AR4602		Carr.Lon.=261deg Carr.Lon.=261deg		H.Ang=90deg H.Ang=90deg
JVSP 14:15	?	,	Wavelength=1373A	(ode=01	Exp #=23589	Rast=110"x110"	Step=10" Pitch=	Pitch=+212",Yaw	,Yaw=-893"

84/12/01,15:46 84/12/01,15:46 Start GOES UVSP 15:42	6 DOY=336 Peak End times	; Wavelength=1373A	Qua1=00	Exp #=23591	Rast=265"x265"	Step=5"	Pitch=+179"	,Yaw=-862"
<pre>ivent # = 8393 84/12/01 18:51</pre>	DOY=336		S12W70		Pitch=+207", Yaw	Yaw=-895",Roll=Odeg	=0dea	H.Ana=70dea
Start GOES 18:47 HXRBS 18:44:58 UVSP 18:53	Peak 18:51 18:52:	Impo Peak Wave	Qual=01 Qual=01 Code=02	Tot Cts=1958 Exp #=23597	MaxkeV=68 Rast=255"x255"	Flags=I Step=3"	Pitch=+180"	, Yaw=-872"
			84/12/03	3 D0Y=338				
Event # = /486 84/12/03,10:49 Start	DOY=338 Peak Fnd times	SMM Pointing:		AR4602				
GOES HXRBS 10:48:40 UVSP 10:07	10:49:22 10:50:50	Peakc/s=86 Wavelength=1548A	Qua]=00 Qua]=01	Exp #=23638	MaxkeV=68 Rast=240"x240"	Step=3"	Pitch=-343"	', Yaw=+917"
			84/12/05	5 DOY=340				
Event # = 7492 84/12/05,01:29	D0Y=340	SMM Pointing:	N11E89		Pitch=-178", Yaw	Yaw=+959", Roll=0deg	l=0deg	H.Ang≃89deg
Start HXRBS 01:28:25 UVSP 01:28	Feak End Lilles 5 01:29:03 01:30:33	Peakc/s=110 Wavelength=1216A	Qual=01	Tot Cts=977 Exp #=23700	MaxkeV=327 Rast=260"x260"	Flags=NS,6 Step=10"	Flags=NS,GB Step=10" Pitch=-204"	, Yaw=+984"
			84/12/09	9 D0Y=344				
Event # = 20/16 84/12/09,23:33 Start	DOY=344	SMM Pointing:	S03E18		Pitch=+47", Yaw=+300"	+300", Roll=0deg	=0deg	H.Ang=18deg
otical	רכמא	Code=ASR	N15E90			Carr.Lon.=151deg	=151deg	H.Ang=90deg
UVSP 23:25 C/P 23:33 Ex	Extrap St=12/09,22:20	Wavelength=1550A) PA=71deg	, dag	Exp #=23860	Rast=240"x240"	Step=10"	Pitch=+19",	, Үам=+328"
ļ			84/12/13	3 D0Y=348				
Event # = 8395 84/12/13,03:15 Start	DOY=348 Peak Fnd times	SMM Pointing:	S15W22		Pitch=+241",Yaw	, Yaw=-356", Roll=Odeg	l=0deg	H.Ang=26deg
GOES HXRBS 03:14:28 UVSP 03:13	03:15:10 03:1	Peakc/s=131 Wavelength=2794A	Qual=00 Qual=01	Tot Cts=2586 Exp #=23976	MaxkeV=200 Rast=3"x3"	Flags=I Step=0"	Pitch=+180"	', Yaw≖-383"
ven+ # = 2071	4		84/12/24	4 D0Y=359				
84/12/24,06:33 Start	DOY=359 Peak End times	SMM Pointing:	S13W05		Pitch=+185",Yaw=-81",Roll=Odeg	=-81",Roll≖	#Odeg	H.Ang≕12deg
Optical Optical		Code=ASR Code=APR	N16W90 S36W90			Carr.Lon.= Carr.Lon.=	143deg 143deg	H.Ang=91deg H.Ang=89deg
6:36 6:33	Extrap St=12/24,01:26	Wavelength=1372A 5 PA=260deg	744 1 -00	Exp #=24530	Rast=285"x285"	Step=5"	Pitch=+175"	', Yaw=-43"

				84/12/25	D0Y=360				
Event # = 20718 84/12/25,14:01	18 1 00Y=360		SMM Pointing:	S13W24	ı	Pitch=+186", Yaw=-387", Roll=Odeg	r=-387", Roll=	=0deg	H.Ang=26deg
GOES Start UVSP 13:52 C/P 14:01		End times	Wavelength=1372A PA=265deg	Qual=00 Bulge in	Exp #=24605 streamer	Rast=30"x30"	Step=0" P	Pitch=+243",Yaw=-453"	, Үам=-453"
				85/01/01	D0Y=1				
Event # = 752 85/01/01,08:35	1 5 DOY=1	7	SMM Pointing:	S10W44		Pitch=+134", Yaw	, Yaw=-668", Roll=0deg	=0deg	H.Ang≖44deg
Start HXRBS 08:35:51 UVSP 08:28	Feak 51 08:35:59	. 08:36:12	Peakc/s=151 Wavelength=1373A	Qual=01	Tot Cts=294 Exp #=24892	MaxkeV=413 Rast=30"x30"	Flags=NS,GE Step=0" F	Flags=NS,GB Step=0" Pitch=+140"	, Yaw=-663"
				85/01/14	D0Y=14				
Event # = 840 85/01/14,06:00		7	SMM Pointing:	S06E02		Pitch=+26",Yaw=+32",Roll=Odeg	1+32", Roll=0α	qeg	H.Ang=2deg
Start GOES 06:05 HXRBS 06:04:27	Peak 06:06 :27 06:05:15	06:09 06:09 06:05:38	Importance=81 Peakc/s=85	Qual=01 Qual=01	Tot Cts=618	MaxkeV=49	Flags≖I		
				85/01/15	D0Y=15				
Event # = 20534 85/01/15,19:16	34 6 DOY=15	;	SMM Pointing:	S08W17		Pitch=+60",Yaw=	,Yaw=-289",Roll=Odeg	0deg	H.Ang=18deg
Start Optical	Peak	End times	.Class=1N	S08W17	AR4616	Mac.=DAI	Carr.Lon.=133deg	133deg	H.Ang=17deg
GOES 19:12 BCS 19:38	19:16 19:39	19:25 20:11	ortance=C3	Qua = 05 Qua = 5	FePeak=19:39	FePeak.c/s=14	#Peaks=1		XEN=501500
FCS UVSP 19:40 Radio Frequ	20:02 9:40 Frequency(MHz)/Flux(sfu)	-lux(sfu):	Peaksc/s=/U9 Wavelength=1372A Exp 245/19 410/29 1415/80 2695/46	15/80 2695	Exp #=25407 ,/46	Rast=285"x285"	Step=5" F	Pitch=+51",Yaw=-263"	Yаw=-263"
				85/01/16	D0Y=16				
Event # = 840 85/01/16,10:2		+ + -	SMM Pointing:	S11W26		Pitch=+107", Yaw=-422", Roll=Odeg	v=-422",Roll:	=0deg	H.Ang=26deg
GOES 10:15 HXRBS 10:16:36 UVSP 10:13	Peak 10:25 36 10:16:44	End Cilles 10:55 10:18:23	Importance=A7 Peakc/s=95 Wavelength=1372A	Qual=01 Qual=01 Code=00	Tot Cts=1532 Exp #=25442	MaxkeV=278 Rast=30"x30"	Flags=I Step=0" F	Pitch=+14",Yaw=-442"	Yaw=-442"
				85/01/17	, D0Y=17				
Event # = 20544 85/01/17,14:10	44 0 DOY=17	- P. C.	SMM Pointing:	S10W42		Pitch=+108", Yaw=-646", Roll=0deg	v=-646", Roll:	=0deg	H.Ang=42deg
7 -	reak 14.10	د االد	HaClass=SN	S11W31	AR4616	Mac.=DAI	Carr.Lon.=124deg	124deg	H.Ang=31deg
BCS 14:07 FCS 14:07 UVSP 14:09	14:07 14:07 14:09	14:14	Importance=54 qual=55 CaPeak.c/s=25 Qual= 5 Peak3c/s=175 Wavelength=1373A Code=00	Qual= 5 Code=00	FePeak=14:07 Exp #=25547	FePeak.c/s=14 Rast=0"x0" Rast=285"x285"	#Peaks=1 Step=0" Step=5" F	Cad=3840s Pitch=+99",	XEN=501700 3840s/pixel ',Yaw=-606"

					85/01/18	8 D0Y=18					
Event # 85/01/1	" co 0	D0Y=18	3	SMM Pointing:	S10W55		Pitch=+123", Yaw=-792", Roll=0deg	792", Rol]=0deg	H.Ang=55deg	
GOES HXRBS UVSP	3.car 1 15:21 15:24:15 15:23	15:25 15:24:30	End Limes 15:31 15:24:56	<pre>Importance=B2 Peakc/s=131 Wavelength=1548A</pre>	Qual=01 Qual=01 Code=00	Tot Cts=1004 Exp #=25609	MaxkeV=70 Rast=255"x249"	Flags=I Step=3"	Pitch=+115"	', Yaw=-760"	
, tent	1 = 75.41				85/01/19	9 D0Y=19					
-	19,07:04 Start	D0Y=19 Peak	End times	SMM Pointing:	S10W64		Pitch=+132",Yaw	, Yaw=-864", Rol	, Roll=Odeg	H.Ang≖63deg	
· ~~	07:02	07:04	:25		S06W65	AR4616	Mac.=DAO	Carr.Lon.=135deg	=135deg	H.Ang=65deg	
HXRBS BCS FCS	07:01:58 07:03	07:02:16 07:05	07:02:38 07:11		Qual=01 Qual= 1	FePeak=07:05	MaxkeV=49 FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=501900	
UVSP Radio	07:07 Frequency	(MHz)	/Flux(sfu):	Feak3C/S=304 Wavelength=1373A Code=02 4995/6 8800/6 15400/5	Code=02 00/5	Exp #=25642	kast=U.xU Rast=285"x285"	Step=0" Step=5"		3840s/pixel ",Yaw=-830"	
	0.00			The state of the s	85/01/20	0 D0Y=20					
event # 85/01/2(7 = 7542 20, 12:57 5+37	D0Y=20	Î	SMM Pointing:	S10W79		Pitch=+152",Yaw	, Yaw=-944", Rol	, Roll=Odeg	H.Ang=78deg	
GOES HXRBS UVSP	3541 12:52 12:54:19 13:03	12:57 12:54:57	13:05 12:57:03	Importance=C2 Peakc/s=161 Wavelength=1546A	Qual=01 Qual=01 Code=02	Tot Cts=3644 Exp #=25704	MaxkeV=70 Rast=3"x3"	Step=0"	Pitch=+146",	, Yaw=-787"	
Event # 85/01/2	t # = 7543 1/20,20:52	D0Y=20		SMM Pointing:	S09W22		Pitch=+72", Yaw=-360"	-360", Roll=Odeg	=0deg	H.Ang=22deg	
Optical	אנו ר 	20.52	ין רוווים יוי	HaClass=1B	S09W24	AR4617	Mac.=DHI	Carr.lon.=73deg	=73deg	H.Ang=24deg	
HXRBS BCS FCS	20:45:27 20:45	20:45:51 20:52 20:52	21:13:36 21:25 21:25	DeakC/s=13040 (CaPeak.c/s=2883 (CaPea	Qual=01 Qual=01 Qual= 1	Tot Cts=9.27E+5 FePeak=20:49	MaxkeV=226 FePeak.c/s=1061	Flags=M #Peaks=1		XEN=502000	
_	20:52		· }	Feaksc/s=bb85 Wavelength=1548A	Code=02	Exp #=25720	Rast=253"x253"	Step=3"	Pitch=+63",	, Yaw=-322"	
	Frequency	(MHz)	Flux(sfu):	245/76 410/120 60	68/9	1415/185 2695/98 49	4995/82 8800/160 15	15400/400			
Event # 85/01/2	t # = 20545 1/20,22:20	D0Y=20		SMM Pointing:	S09W23		Pitch=+72", Yaw=-374"	-374", Roll=0deg	=0deg	H.Ang=23deg	1
BCS FCS UVSP		22:22 22:22	<u>S</u>	CaPeak.c/s=25 Peak3c/s=25 Wavelength=1548A	Qual= 5	FePeak=22:21 Exp #=25723	FePeak.c/s=7 Rast=0"x0" Rast=255"x128"	#Peaks=1 Step=0" Step=1"	dt= 7.7s Cad=3840s Pitch=+62",	XEN=502001 3840s/pixel ,Yaw=-362"	
					85/01/2	1 D0Y=21					
Event # 85/01/2	f = 20591 11,00:05 Start	DOY=21	End times	SMM Pointing:	S09W24	I	Pitch=+73", Yaw≖-	, Yaw=-388", Roll=0deg	=0deg	H.Ang=24deg	
GOES BCS UVSP	00:03 00:05 00:04	00:00 00:00	90:00	Importance=B7 (CaPeak.c/s=18 (Wavelength=1529A (Qual=01 Qual= 1 Code=00	FePeak=00:05 Exp #=25725	FePeak.c/s=7 Rast=1"x1"	#Peaks=1 Step=0"	XEN=502133 Pitch=+69", Yaw=-384"	XEN=502133 Yaw=-384"	

			_	_ :	
H.Ang=24deg H.Ang=25deg XEN=502134	H.Ang=25deg	H.Ang=25deg H.Ang=29deg XEN=502132 16.38s/pixel ,Yaw=-387"	H.Ang=26deg H.Ang=30deg XEN=502145 768.0s/pixel , Yaw=-401"	H.Ang=26deg H.Ang=29deg XEN=502140 1.024s/pixel , Yaw=-414"	H.Ang=27deg , Yaw=-429"
,69+=	,Roll=Odeg =1" Pitch=+74"	,Roll=0deg .Lon.=75deg s=I ks=1 cad=16.4s =1" Pitch=+74"	,Roll=Odeg .Lon.=76deg S=I ks=1 dt= 3.8s =0" Cad= 768s =1" Pitch=+74"	,Roll=Odeg .Lon.=74deg s=I ks=2 dt= 7.7s =10" Cad=1806s =3" Pitch=+75"	1=0deg Pitch=+75"
'Yaw=-388",Roll=Odeg Carr.Lon.=73deg =16 #Peaks=1 Step=0" Pitch	, Yaw=-401", Rol Step=1"	'Yaw=-401", Roll=0deg Carr.Lon.=75deg Flags=I #Peaks=I Step=0" Cad=I 4" Step=1" Pitch	414" Carr Flag #Pea Step Step	-427" Carr Flag #Pea Step Step Flag	,Yaw=-441",Roll=Odeg Flags=I 4" Step=1" Pitc
Pitch=+73", Yaw: Mac.=EKI MaxkeV=49 FePeak.c/s=16 Rast=1"x1"	Pitch=+73", Yaw: Rast=84"x84"	Pitch=+73", Yaw: Mac.=EKI MaxkeV=49 FePeak.c/s=29 Rast=0"x0" Rast=84"x84"	Pitch=+74", Yaw: Mac.=EKI MaxkeV=70 FePeak.c/s=355 Rast=0"x0" Rast=84"x84"	Pitch=+74", Yaw= Mac.=EKI MaxkeV=133 FePeak.c/s=197 Rast=420"x420" Rast=84"x84" AaxkeV=112	Pitch=+75", Yaw MaxkeV=49 Rast=84"x84"
AR4617 Tot Cts=3036 FePeak=00:12 Exp #=25725	Exp #=25727	AR4617 Tot Cts=823 FePeak=02:19 Exp #=25727	AR4617 Tot Cts=1.31E+5 FePeak=03:51 Exp #=25729 8800/30 15400/28	\$19W26 \$11W29 Qual=01 Qual=01 Qual=1 Tot Cts=85891 Qual= 1 FePeak=05:07 (Code=00 Exp #=25731 8800/100 15400/73 issociated Event # = 8407 Qual=01 Tot Cts=10528	Tot Cts=573 Exp #=25734
\$10W25 \$10W25 \$\text{Qual} = 01 \$\text{Qual} = 1 \$\text{Code} = 00	S09W25 Qual=01 Code=00	\$09W25 \$09W29 Qual=01 Qual=1 Qual=1	\$09W25 \$10W30 Qual=03 Qual= 3 Qual= 3	\$09W26 \$11W29 Qual=01 Qual=1 Qual=1 Qual=1 \$800/100 \$\$00/100 \$\$00/100 \$\$00/100	S09W27 Qual=01 Qual=01 Code=00
SMM Pointing: HaClass=SN Importance=C2 Peakc/s=163 CaPeak.c/s=64 Wavelength=1529A	SMM Pointing: Importance=B6 Wavelength=1548A	SMM Pointing: HaClass=SN Importance=C2 PeakC/S=84 CaPeak.c/s=80 Peak3c/s=32 Wavelength=1548A	SMM Pointing: HaClass=1B Importance=M2 Peakc/s=424 CaPeak.c/s=1489 Peak3c/s=24 Wavelength=1548A I/1 1415/26 2695/11	SMM Pointing: HaClass=1B Importance=M1 Peakc/s=792 CaPeak.c/s=717 Peak3c/s=416 Wavelength=1549A 2695/52 4995/78	SMM Pointing: Importance=Cl Peakc/s=65 Wavelength=1549A
End times 01:00 00:13:18 00:18	End times 02:04	End times 02:31 02:18:46 02:24	times 8 11:06 0	End times 05:32 05:10:03 05:34 lux(sfu):	End times 06:42 06:39:00
D0Y=21 Peak 00:12 00:11:24 00:12	D0Y=21 Peak 02:02	DOY=21 Peak 02:18 02:18:16 02:19 02:11	D0Y=21 Peak End 03:53 04:0 03:51:17 04:0 03:55 04:0 03:55 CH:0 Type/Intens Cy(MHZ)/Flux(s	DOY=21 Peak 05:08 05:05:08 04:54 cy (MHz)	D0Y=21 Peak 06:40 06:38:09
t # = 7544 1/21,00:12 Start cal 00:08 5 00:10:58 00:11	# = 20592 /21,02:02 Start 01:59 01:41	# = 8404 /21,02:18 Start al 02:13 02:17:39 02:10	# = 8405 //21,03:53 DC Start Pe 03:40 03 03:44:23 03 03:17 03 03:16 03:16 03:16 03:16 03:16	# = 84 21,05: Start 05:03 05:03 04:50 Freq	Event # = 8408 85/01/21,06:40 Start 60ES 06:38 HXRBS 06:35 UVSP 06:35
Event 85/01/ Optica GOES HXRBS BCS UVSP	Event 85/01/ GOES UVSP	Event 85/01/, 0ptica GOES HXRBS BCS FCS UVSP	Event 85/01/ 0ptica 60ES HXXBS BCS FCS UVSP Radio	Event 85/01/1 0ptica 60ES HXRBS BCS FCS UVSP Radio	Event 85/01/ GOES HXRBS UVSP

11000	76.4									
85/01/21,07:07 \$5/01/21,07:07	= 7545 ,07:07 tart	DOY=21	Fod +	SMM Pointing:	S09W27		Pitch=+75", Yaw=	, Yaw=-441", Roll=0deg		H.Ang=27deg
Optical GOES 0	7:03	07:07	. 19	.Class=SN	S09W28	AR4617	Mac.=EKI	Carr.Lon.=72deg		H.Ang=28deg
HXRBS 0 BCS 0 FCS	07:05:49 07:06	07:06:45 07:08 07:07	07:07:46 07:09	Peakc/s=71 CaPeak.c/s=68 Peak3 c/s=58	Qual=01 Qual= 3	FePeak=07:08	MaxkeV=49 FePeak.c/s=21	#Peaks=1 dt= 3	3.8s	XEN=502130
	6:35			Wavelength=1549A	Code=00	Exp #=25734	Rast=84"x84"	Step=1" Pitch=+75	=	, Yaw=-429"
1/2	/ = 7546 21,08:13 Start	DOY=21 Peak	End times	SMM Pointing:	S09W28		Pitch=+76", Yaw=	Pitch=+76", Yaw=-454", Roll=Odeg		H. Ang=28deg
GOES HXRBS 08 UVSP 08	8:13:22 8:19	08:13:28	08:13:38	Peakc/s=69 Wavelength=1549A	Qual=00 Qual=01	Exp #=25736	MaxkeV=49 Rast=84"x84"	Step=1" Pitch	Pitch=+76",	, Үам=-443"
Event # = 85/01/21,	= 20206 ,10:11	DOY=21	Fnd +imes	SMM Pointing:	S09W29		Pitch=+76", Yaw=	, Yaw=-467", Roll=Odeg		H.Ang=29deg
Optical GOES 0	3:47	10:1	13	Class=SN	S10W32	AR4617	Mac.=EKI	Carr.Lon.=74deg		H.Ang=32deg
3CS 09	9:54	10:10	10:18		Qual= 3	FePeak=10:08	FePeak.c/s=40	#Peaks=1 dt= 3.8s		XEN=502131
	9:28	·		ength=1549A	Code=01	Exp #=25737	Rast=255"x128"	Step=1" Pitch	Pitch=+66",	, Yaw=-455"
Event # 85/01/21	: # = 20219 ./21,10:47 Start	D0Y=21	Fnd +imes	SMM Pointing:	S09W29		Pitch=+76", Yaw=	Pitch=+76", Yaw=-467", Roll=0deg		H.Ang=29deg
	7:44	10:47		HaClass=SB	S11W30	AR4617	Mac.=EKI	Carr.Lon.=72deg		H.Ang=30deg
55 15 15	0:55	10:55 10:57	11:03	CaPeak.c/s=23	Qual=05 Qual= 1	FePeak=10:55	FePeak.c/s=13	#Peaks=1		XEN=502106
	1:31	}		Wavelength=1549A		Exp #=25738	Rast=120"x120"	Step=1" Pitch	=-484",	Pitch=-484", Yaw=-63"
Event # = 85/01/21,	f = 20767 1,11:06 Start	D0Y=21	:	SMM Pointing:	S09W30		Pitch=-478", Yaw	Pitch=-478", Yaw=-78", Roll=90deg		H. Ang=30deg
60ES 11 BCS 11 FCs 11		11:07		Importance=C1 CaPeak.c/s=24	Qua]=03 Qua]= 6	FePeak=11:07	FePeak.c/s=7	#Peaks=1 dt= 7.7s		XEN=502109
JVSP 11	:31	66.11		reaksc/s=64 Wavelength=1549A		Exp #=25738	Rast=120"x120"	Step=1" Pitch=	Pitch=-484",	, Yaw=-63"
Event # = 85/01/21,	# = 20780 /21,13:15 Start			SMM Pointing:	S09W31		Pitch=+77", Yaw=-492", Roll=0deg	-492", Roll=0deg		H.Ang=31deg
60ES 13 BCS 13 FCS 13	3:12 3:14	13:15 13:14 13:14	S E	Importance=B9 CaPeak.c/s=37 Peak3c/s=31	Qual=01 Qual= 5	FePeak=13:14	FePeak.c/s=17	#Peaks=1	×	XEN=502111
Event # = 85/01/21,	# = 20819 /21,13:22 Start	D0Y=21		SMM Pointing:	S09W31		Pitch=+77", Yaw=-492", Roll=Odeg	.492", Roll=0deg	=	H.Ang=31deg
60ES 13 BCS 13 FCS 13	:20	13:22 13:22 13:23	Î	Importance=C1 CaPeak.c/s=28 Peak3c/s=28	Qual=03 Qual= 1	FePeak=13:21	FePeak.c/s=12	#Peaks=1 dt= 7.	7.7s X	XEN=502113

Event # = 7547 85/01/21,14:22	D0Y=21	End times	SMM Pointing:	S09W32		Pitch=+78", Yaw=-504", Roll=Odeg	-504", Roll=0c		H.Ang≕31deg
	reak	<u>ב</u>	HaClass=SB	S08W34	AR4617	Mac.=EKI	Carr.Lon.=74deg		H.Ang=34deg
GOES 14:09 HXRBS 14:11:0 BCS 14:04 FCS Radio Freque	14:09	14:35 19 14:20:14 15:01 /Flux(sfu):	Importance=nz Peakc/s=1784 CaPeak.c/s=1522 Peak3c/s=64 1415/6 2695/8 499	4 Qual=03 To 2 Qual= 1 Fe 4995/5 8800/20	Tot Cts=2.12E+5 FePeak=14:18 /20	MaxkeV=90 FePeak.c/s≃516	Flags=M,ES #Peaks=1 d1	dt= 7.7s	XEN=502123
	00Y=21		SMM Pointing:	S09W32		Pitch=+78", Yaw=.	, Yaw=-504", Roll=0deg		H.Ang=31deg
Start GOES 15:14 HXRBS 15:48:04 BCS 15:38	Peak 15:18 14:15:48:24 15:38	End times 15:49 4 15:49:14 15:55	Importance=M1 Peakc/s=111 CaPeak.c/s=70	Qual=05 Qual=01 Qual= 5	Tot Cts=1125 FePeak=15:38	MaxkeV=49 FePeak.c/s=10	#Peaks=1		XEN=502114
	15:46 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Peaksc/s=48 Wavelength=1544A Exp #=25740 2695/19 4995/65 8800/160 15400/150	3800/160	Exp #=25740 15400/150	Rast=1"x1"	Step=0" P	Pitch=+79",Yaw=-502"	Yaw=-502"
Event # = 2081 85/01/21,16:32	18 2 DOY=21		SMM Pointing:	S09W32		Pitch=+80", Yaw=.	, Yaw=-515", Roll=Odeg	deg	H.Ang=32deg
Start GOES 16:30 UVSP 15:58	Peak 16:32	end times 16:40	Importance=C1 Wavelength=1549A	Qual=03	Exp #=25743	Rast=3"x3"	Step=1" P	Pitch=+103"	, Yaw=-551"
Event # = 7549 85/01/21,17:19	i		SMM Pointing:	S09W33		Pitch=+80", Yaw=	, Yaw=-529", Roll=Odeg	deg	H.Ang=33deg
Start GOES 17:11 HXRBS 17:12:32 UVSP 17:19	Peak 17:19 32 17:17:30	End times 17:32 17:27:33	Importance=Cl Peakc/s=200 Wavelength=1549A	Qual=01 Qual=02 Code=02	Tot Cts=55595 Exp #=25744	MaxkeV=49 Rast=60"x60"	Flags=SN Step=1" P	'itch=+104"	Pitch=+104", Yaw=-562"
Event # = 7550 85/01/21,17:36	5 DOY=21	1 7 7 7	SMM Pointing:	S09W33		Pitch=+80", Yaw=	, Yaw=-529", Roll=Odeg	deg	H.Ang=33deg
Start Optical		End times	HaClass=SN	S08W34	AR4617	Mac.=EKI	Carr.Lon.=72deg	'2deg	H.Ang=34deg
GOES 17:34 HXRBS 17:36:2 UVSP 17:24	17:36 26 17:37:11	1/:38 1 17:37:20	Importance=t1 Peakc/s=93 Wavelength=1549A	Qual=03 Qual=03 Code=00	Tot Cts=1048 Exp #=25745	MaxkeV=49 Rast=3"x3"	Flags=ES Step=1" P	Pitch=+123",Yaw=-560"	', Yaw=-560"
Event # = 20815 85/01/21,19:00	15 0 DOY=21	Fnd +imes	SMM Pointing:	S09W34		Pitch=+81", Yaw=-541", Roll=Odeg	-541", Roll=0)deg	H.Ang=34deg
GOES 18:47 BCS 18:47 FCS 18:47 UVSP 18:58	19:00 19:00 18:50	19:05 19:18	Importance=C4 CaPeak.c/s=101 Peak3c/s=134 Wavelength=1549A	Qual=01 Qual= 1 Code=00	FePeak=19:00 Exp #=25747	FePeak.c/s=11 Rast=0"x0" Rast=3"x3"	#Peaks=1 d Step=0" C Step=1" P	dt= 3.8s Cad=3840s Pitch=+96",	XEN=502144 3840s/pixel ",Yaw=-587"

Event # = 20346 85/01/21,20:48	= 20346 ,20:48	D0Y=21		SMM Pointing:	S09W35		Pitch=+79", Yaw=	.Yaw=-554",Roll=Odeq	=0dea	H.Ana=35dea
S Optical	tart	Peak	End times	Ha Class=SN	S08434	484617	שיר ⊪נולית בייר ווינולית	. מכן עמב	, opo	1 Ang-2463
5	20:37	20:48	21:10	Importance=Cl Capeak c/c=18	Qual=01	AA+01/ FeDeak=20.48	Fabout c/c-8	tarr.Lon.=/oueg		n.Ang=34aeg
FCS UVSP 2	20:32	20:48	•	Peak3c/s=29 Wavelength=1549A	Code=00	Exp #=25749	Rast=0"x0" Rast=3"x3"	Step=0" Step=1"	Cad=3840s Pitch=+79",	AEN=302140 3840s/pixel ,Yaw=-574"
Event # = 7551	= 7551	DOV-21		NA S	20,000		- N 11 OF 1 1 1 1 1 1 1			
S S	tart	Peak	End times	Sur Politing:	208M33		Pltcn=+/9", raw=-554", Roll=Udeg	-554", KOLL	=Udeg	H.Ang=35deg
Optical GOFS 2	1.27	21.31		HaClass=1B	S08W38	AR4617	Mac.=EKI	Carr. Lon. =74deg	=74deg	H.Ang=38deg
HXRBS 2	21:55:51 21:56	21:56:30 21:57	21:56:52 22:03	Peakc/s=78 CaPeak.c/s=54	Qual=01 Oual=1	Tot Cts=495 FePeak=21:57	MaxkeV=49 FePeak_c/s=6	#Peaks=1	4t= 3.8c	XEN=502110
FCS UVSP 22 Radio	2:02 Frequen	22:02 Frequency(MHz)/Flux(sfu)	• •	Peak3c/s=54 Wavelength=1549A 2695/12 4995/32 8800/74 15400/42	3800/74 1	Exp #=25750 5400/42	Rast=60"x60"	Step=1"	<u>.</u>	, Yaw=-585"
Event # 85/01/21	= 7553 ,22:22	D0Y=21		SMM Pointing:	S09W36		Pitch=+82", Yaw=-565"	-565", Roll=0deg	=0deg	H.Ang=36deg
Start GOES 22:09 HXRBS 22:08:28 BCS 22:09		reak 22:22 22:09:22 22:22	End times 22:37 22:23:25 22:38	Importance=C3 Peakc/s=127 Capeak.c/s=133	Qua]=02 Qua]=11 Qua]= 3	Tot Cts=9510 FePeak=22:21	MaxkeV=49 FePeak.c/s=19	Flags=DG #Peaks=2	dt= 7.7s	XEN=502121
	2:07 Frequen	22:07 Frequency(MHz)/Flux(sfu)		Feaksc/s=118 Wavelength=1549A 245/43 410/21 606	Code=00 5/18 2695	9A Code=00 Exp #=25751 606/18 2695/16 4995/56	Rast=3"x3"	Step=1"	Pitch=+109"	', Yaw=-612"
					85/01/22	2 D0Y=22				
Event # = 85/01/22	t # = 7554 1/22,00:04 Start	DOY=22 Peak	Fod times	SMM Painting:	S09W37	I	Pitch=+82", Yaw=.	, Yaw=-577", Roll=0deg	-0deg	H.Ang=37deg
Optical 27	3:50	00.04	į	HaClass=2B	S08W38	AR4617	Mac.=EKO	Carr.Lon.=72deg	=72deg	H.Ang=38deg
HXRBS 23 BCS 23 FCS 23	3:52:28	00:01 00:10 00:10 00:18	01:36:10 00:18	importante-133000qual=13 CaPeak.c/s=8246	Qual=11 Qual= 3	Tot Cts=4.83E+7 FePeak=00:06	MaxkeV=414 FePeak.c/s=7523 Bast=0"x0"	Flags=M, I! #Peaks=1 Sten=O"	, IN, IS, DG 1 dt= 7.7s Cad= 768s	XEN=502122 768 06/2122
	3:42 Frequen		/Flux(sfu):	Wavelength=1549A 245/2.5E5 410/99	000 e06/ 000 e06/	Exp #=25753 1.3E5 1415/720	5/1	Step=3" 200 8800/29	Pitch=+74", 500 15400/40	itch=+74", Yaw=-540"
Event # 85/01/22	# = 7555 /22,01:53 Start	D0Y=22 Peak	End times	SMM Pointing:	S09W38		Pitch=+84", Yaw=-593", Roll=Odeg	-593", Roll=	-0deg	H.Ang=38deg
HXRBS 01	01:46:17 01:04	01:47:36 01:53 01:09	-	Peakc/s=134 Qr CaPeak.c/s=307 Qr Peak3c/s=654	Quai=00 Quai=11 Quai= 3	ოო	MaxkeV=70 FePeak.c/s=37 Rast=180"x180"	៤ ម =	dt= 7.7s Cad= 332s	XEN=502200 1.024s/pixel
	Frequent	Frequency(MHz)/Flux(sfu)		Maverengun=1549A 1415/185 2695/165	4995/146	EXD #=25/55	Kast=120"x120"	Step=1"		Yaw=-551"

Event #85/01/2	# = 21066 /22,02:41	D0Y=22		SMM Pointing:	S09W38		Pitch=+84", Yaw=-593"	.593", Roll=0deg		H.Ang=38deg	}
GOES	Start 02:39	Peak 02:41	End times 03:28	CaPeak.c/s=51	Qua]=00 Qua]= 5	FePeak=03:14	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=502203	
FCS UVSP	02:48	4		Peak3c/s=498 Wavelength=1544A		Exp #=25756	Rast=1"x1"	Step=0"	Pitch=+76",	, Үаw=-563"	ł
Event #85/01/2	Event # = 21067 85/01/22,11:06	D0Y=22		SMM Pointing:	S09W43		Pitch=+89", Yaw≖-	, Yaw=-656", Roll=0deg	0deg	H.Ang=43deg	
Optica.		Peak	r mes	HaClass=1B	S10W45	AR4617	Mac.=EKO	Carr.Lon.=73deg	73deg	H.Ang=45deg	
GOES BCS	10:58 11:07	11:06 11:07	12:00 11:18	Importance=C3 CaPeak.c/s=99	Qual=01 Qual= 5	FePeak=11:07	FePeak.c/s=18	#Peaks=1		XEN=502201	
FCS UVSP Radio		11:04 Frequency(MHz)/Flux(sfu)		Peak3C/S=40 Wavelength=1548A (2695/4 4995/8 880	48A Code=00 8800/10	Exp #=25770	Rast=255"x249"	Step=3"	Pitch=+80",	, Yaw=-621"	
	and the second second				85/01/23	3 D0Y=23					
Event 85/01/2	# = 8409 23,01:05	20Y=23		SMM Pointing:	S11W54		Pitch=+132",Yaw≡	, Yaw=-772", Roll=Odeg	=0deg	H.Ang=53deg	
GOES HXRBS UVSP	Start GOES 01:03 (HXRBS 01:03:36 (UVSP 01:05	eak 51:05 51:03:47	End times 01:22 01:04:03	Importance=B4 Peakc/s=94 Wavelength=1373A	Qual=01 Qual=01 Code=02	Tot Cts=358 Exp #=25802	MaxkeV=49 Rast=110"x110"	Flags=I Step=10"	Pitch=+136"	', Yaw=-776"	
Event 85/01/	Event # = 21068 85/01/23,04:14	D0Y=23	1	SMM Pointing:	S11W56		Pitch=+136", Yaw=	, Yaw=-794", Roll=Odeg	=0deg	H.Ang=56deg	
Optica	Start	Peak	1 times	HaClass=SN	S13W56	AR4617	Mac.=EKO	Carr.Lon.=75deg	.75deg	H.Ang=56deg	
60ES BCS FCS UVSP	04:04 04:11 04:13	04:14 04:13 04:14	04:53 04:18	Importance=L1 CaPeak.c/s=55 Peak3c/s=72 Wavelength=1351A	qual=01 Qual= 1 Code=00	FePeak=04:13 Exp #=25859	FePeak.c/s=18 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+138"	XEN=502300 1.024s/pixel ",Yaw=-793"	
Event 85/01/	Event # = 8220 85/01/23,07:34	D0Y=23		SMM Pointing:	S11W57		Pitch=+137", Yaw	, Yaw=-804", Roll	, Roll=Odeg	H.Ang=57deg	
Optica		Peak	End times	HaClass=1B	S12W59	AR4617	Mac.=EKO	Carr.Lon.=76deg	:76deg	H.Ang≖59deg	
GOES HXRBS BCS	07:21 07:23:52 07:25	07:34 07:27:12 07:29	08:46 07:53:09 07:55	Importance=M1 Peakc/s=1004 CaPeak.c/s=1315	Qual=03 Qual=01 Qual= 1	Tot Cts=93995 FePeak=07:29	MaxkeV=90 FePeak.c/s=352	#Peaks=2 Sten=0"	dt= 3.8s Cad=8.45s	XEN=502303 8.448s/pixel	
FCS UVSP Radio		07:21 Frequency(MHz)/Flux(sfu)		Peak3c/s=110/ Wavelength=1373A 245/39 2695/23 49	A Code=00 Exp [‡] 4995/96 8800/83	Exp #=25897 00/83 15400/24	Rast=30"x30"	Step=0"	_	, Yaw=-789"	1
Event 85/01/	t # = 21069 1/23,21:16	DOY=23	owit bull	SMM Pointing:	S11W66		Pitch=+149", Yaw	, Yaw=-873", Rol	,Roll=Odeg	H.Ang=65deg	
GOES BCS	21:10 21:14 21:14	21:16 21:16 21:16	21:29 21:29 21:20	E B	Qua]=01 Qua]= 1	FePeak=21:15	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=502304	
FCS UVSP Radio	21:16 Frequen	21:15 cy(MHz)/F	21:15 1:16 Frequency(MHz)/Flux(sfu):	Peak3c/s=250 Wavelength=1373A 245/110 410/240	Code=02	Exp #=25928	Rast=265"x265"	Step=5"	Pitch=+139"	", Үаw=-832"	1

					85/01/24	4 D0Y=24				
Event # = 85/01/24,0	# = 21070 24,05:54 DC	DOY=24	į	SMM Pointing:	S11W70		Pitch=+155",Ya	, Yaw=-899", Roll=0deg	1=0deg	H.Ang=69deg
'n	44	5:54	7 CILLES		S11W70	AR4617	Mac.=EAO	Carr.Lon.	=75deg	H.Ang=69deg
2	48	05:54 05:52	05:56	CaPeak.c/s=86 Peak3c/s=14	Qual= 3	FePeak=05:54	FePeak.c/s=13 Rast=0"x0"	#Peaks=3 Step=0"	dt= 3.8s Cad= 768s	XEN=502400 768.0s/pixel
02:	24			Wavelength=1373A		Exp #=25991	Rast=30"x30"	Step=0"	Pitch=+147	", Yaw=-893"
Event # =	21071				85/01/55	5 DOY=25				
85/01/25,2	9	0Y=25	Ē	SMM Pointing:		AR4617				
GOES 23:42 BCS 23:45 UVSP 23:32		23:46 23:46	D E	Importance=B5 CaPeak.c/s=25 Wavelength=1373A	Qual=01 Qual= 1 Code=00	FePeak=23:45 Exp #=26120	FePeak.c/s=13 Rast=30"x30"	#Peaks=2 Step=0"	Pitch=+167	XEN=502500 Pitch=+167",Yaw=-959"
7	0001				85/02/0/	7 D0Y=38				
Event # = /622 85/02/07,21:30 Start		DOY=38 Peak	End times	SMM Pointing:	S10E88		Pitch=+168", Yaw=+958"	v=+958", Rol	, Roll=Odeg	H.Ang=86deg
GOES HXRBS 21:29 UVSP 21:20	_	21:30:38	21:32:0	Peakc/s=126 Wavelength=1640A	Qual=00 Qual=01	Tot Cts=3820 Exp #=26770	MaxkeV=112 Rast=69"x69"	Step=3"	Pitch=+189", Yaw=+955	', Yaw=+955"
Event # = 7623 85/02/07,22:08 Start		D0Y=38 Peak	End times	SMM Pointing:	S10E88		Pitch=+168", Yav	, Yaw=+958", Roll=0deg	1=0deg	H.Ang=86deg
GOES HXRBS 22:(UVSP 21:2	-:	2:08:04	22:0	Peakc/s=67 Wavelength=1640A	Qual=00 Qual=01	Exp #=26770	MaxkeV=112 Rast=69"x69"	Step=3"	Pitch=+189",Yaw=+955	',Yaw=+955"
	2,600				85/02/09	9 D0Y=40				
85/02/09,16 \$5/02/09,16)Y=40	Fnd times	SMM Pointing:	S12E79		Pitch=+182", Yaw=+936", Roll=Odeg	r=+936", Rol	l=0deg	H.Ang=78deg
GOES 16:28 HXRBS 16:32:17 UVSP 16:33		16:33 16:32:32	12	Importance=A6 Peakc/s=83 Wavelength=1349A	Qual=01 Qual=01 Code=02	Tot Cts=870 Exp #=27187	MaxkeV=178 Rast=10"x10"	Flags=I Step=0"	Pitch=+141",Yaw=+905"	, Yaw=+905"
-					85/02/18	3 D0Y=49				
Event # = / 85/02/18,16 Star	= /644 3,16:00 DOY: Start Peal)Y=49	Fnd times	SMM Pointing:	S07E01	ı	Pitch=+0",Yaw=+	, Yaw=+24", Roll=Odeg	leg	H.Ang=1deg
,, ,, ,	_	16:00 15:53:18	16:14 15:55:18	Importance=Cl Peakc/s=74	Qual=01 Qual=01	Tot Cts=2060	MaxkeV=49			
1	1	61	End times	SMM Pointing:	S07E87		Pitch=+116", Yaw=+963", Roll=Odeg	=+963", Roll	=0deg	H.Ang=86deg
GOES 23:15 HXRBS 23:20:50 BCS 23:20 FCS 23:20 UVSP 23:29	_	23:31 23:22:39 23:27 23:37		Importance=C5 Peakc/s=122 CaPeak.c/s=264 Peak3c/s=1357 Wavelength=1548A	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=11181 FePeak=23:27 Exp #=27702	MaxkeV=70 FePeak.c/s=50 Rast=180"x300" Rast=240"x240"	#Peaks=1 Step=10" Step=3"	dt= 3.8s X Cad= 553s 1 Pitch=+108",	XEN=504900 1.024s/pixel ', Yaw=+987"

					85/05/19	D0Y=50				
Event # = 85/02/19,0	0.74	D0Y=50		SMM Pointing:	N12E85		Pitch=-216", Yaw	, Yaw=+946", Roll=0deg	=0deg	H.Ang=86deg
Start GOES 01:01 BCS 01:05		Peak 01:10 01:09	End times 01:20 01:14	Importance=C1 CaPeak.c/s=33	Qual=01 Qual= 1	FePeak=01:09	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=505010
•		01:11		Peak3c/s=16 Wavelength=1370A	Code=01	Exp #=27708	Rast=30"x30"	Step=0"	Pitch=-198", Yaw=+933"	, Үаw=+933"
Event # = 85/02/19,0	1	D0Y=50		SMM Pointing:	N12E85		Pitch=-216", Yaw=+946", Roll=Odeg	=+946", Roll	=0deg	H.Ang=86deg
	Start 01:20 01:21	Peak 01:22 01:21	01:27 01:27 01:27	Importance=89 CaPeak.c/s=23	Qual=01 Qual= 1	FePeak=01:21	FePeak.c/s=7	#Peaks=1		XEN=505012
FCS UVSP 00:		01:22		Peak3c/s=12 Wavelength=1370A		Exp #=27708	Rast=30"x30"	Step=0"	Pitch=-198"	, Yaw=+933"
Event # = 85/02/19,0	102	D0Y=50		SMM Pointing:	N12E85		Pitch=-216", Yaw=+946", Roll=Odeg	=+946",Roll	=0deg	H.Ang=86deg
GOES 01 BCS 01	Start 01:27 01:29	reak 01:40 01:39	02:14 01:47	Importance=C3 CaPeak.c/s=86	Qual=01 Qual= 1	FePeak=01:39	FePeak.c/s=16	#Peaks=1	dt= 3.8s	XEN=505013
•		01:38		Peak3c/s=13 Wavelength=1370A		Exp #=27708	Rast=30"x30"	Step=0"	Pitch=-198"	', Yaw=+933"
Event # = 85/02/19,	376	D0Y=50	3	SMM Pointing:	N12E85		Pitch=-216",Yaw	, Yaw=+946", Rol	, Roll=Odeg	H.Ang=86deg
	Start 02:18 02:22	Peak 02:21 02:24	End times 03:04 02:35	Importance=C3 CaPeak.c/s=65	Qual=05 Qual= 4	FePeak=02:24	FePeak.c/s=17	#Peaks=1	dt= 3.8s	XEN=505000
FCS UVSP 02		02:31		Peak3c/s=13 Wavelength=1370A	Code=02	Exp #=27709	Rast=280"x280"	Step=10"	Pitch=-223	Pitch=-223", Yaw=+968"
Event # = 85/02/19,	21078 18:29	DOY=50		SMM Pointing:	S01E90		Pitch=+16", Yaw=+972", Roll=Odeg	+972",Roll	=0deg	H.Ang=89deg
	3taft 18:08 18:24	18:29 18:29 18:29	19:20 18:45	Importance=C2 CaPeak.c/s=204 (Peak3c/s=818 Wavelenoth=1371A (Qual=01 Qual= 1 Code=00	FePeak=18:29 Exp #=27788	FePeak.c/s=50 Rast=0"x0" Rast=280"x280"	#Peaks=1 Step=0" Step=10"	= 7.7s d=1.02s tch=+5"	XEN=505005 1.024s/pixel ,Yaw=+991"
) I Ø Ø	! ' :! : ::	1 18:15 18:15	18:20	CaPeak.c/s=20 Peak3c/s=24 Wavelength=1371A	Associated Qual= 1 A		FePeak.c/s=7 Rast=180"x180" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	 Cad= 332s Pitch=-60"	XEN=505002 1.024s/pixel ,Yaw=+956"
Event # = 85/02/19,	21079	D0Y=50	1	SMM Pointing:	S01E86		Pitch=+970", Yaw	, Yaw=-12", Roll=90deg	=90deg	H.Ang=86deg
60ES 20 BCS 20 FCS 20 UVSP 20	Start 20:10 20:15 20:05	Peak 20:17 20:17 20:18	End times 20:43 20:18	Importance=B5 CaPeak.c/s=24 Peak3c/s=185 Wavelength=1371A	Qual=01 Qual= 1 Code=00	FePeak=20:17 Exp #=27797	FePeak.c/s=14 Rast=30"x30"	#Peaks=1 Step=0"	dt= 7.7s XEN=50500 Pitch=+957",Yaw=+66"	XEN=505008 ", Yaw=+66"

1			1	ı				1				I			Į.	1			ı	I	ı
H.Ang=82deg	XEN=505009	", Yaw=+954"		H.Ang=82deg	H.Ang=75deg	XEN=505100	, Уаw=+938"	H.Ang≖73deg	H.Ang=70deg	XEN=505101	, Yaw=+909"	H. Ang=70deg	XEN=505104	Pitch=-66",Yaw=+879"		H.Ang=44deg	XEN=505300	16.38s/pixel ",Yaw=+686"		H. Ang=72deg	Үа⊌≃-925″
]=0deg	dt= 7.7s	Pitch=-61		1=0deg	Carr.Lon.=297deg		Pitch=-75"	1=0deg	Carr.Lon.=294deg	•	Pitch=-59"]=0deg		Pitch=-66"		11=0deg		Cad=16.4s 1 Pitch=-111",		-Odeg	Flags=NS,GB Step=0" Pitch=+2",Yaw=-925"
=+960", Rol	#Peaks=1	Step=0"		=+960", Rol	Carr.Lon	#Peaks=1	Step=0"	, Yaw=+928", Roll=0deg	Carr.Lon	#Peaks=1	Step=0"	=+908", Rol	#Peaks=1	Step=0"		w=+669", Ro		Step=0" Step=10"		-925", Roll=0deg	Flags=NS, Step=0"
Pitch=-67", Yaw=+960", Roll=0deg	FePeak.c/s=14	Rast=30"x30"		Pitch=-67", Yaw=+960", Roll=Odeg	Mac.=DHO	FePeak.c/s=10	Rast=30"x30"	Pitch=-85", Yaw	Mac.=DHO	FePeak.c/s=18	Rast=30"x30"	Pitch=-92", Yaw=+908", Roll=0deg	MaxkeV=112 FePeak.c/s=16	Rast=30"x30"		Pitch=-103", Yaw=+669", Roll=Odeg	FePeak.c/s=7	Rast=0"x0" Rast=280"x280"		Pitch=+0", Yaw=-925",	Rast=180"x1"
	FePeak=23:19	Exp #=27809	0 D0Y=51		AR4629	FePeak=02:43	Exp #=27826		AR4629	FePeak=14:56	Exp #=27882		Tot Cts=9915 FePeak=21:31	Exp #=27906	2 D0Y=53	·	FePeak=12:54	Exp #=28041	D0Y=58	I	Exp #=28229
N03E81	Qua]=01 Qua]= 1	(Code=00	85/02/20	N03E81	N03E74	(ual= 1	Code=00	N03E73	NO1E70	Qual= 1	Code=00	N03E69	Qual=03 Qual=01 Qual= 1	Code=00	85/02/22	N01E44	Qua]=01 Qua]= 1	Code=00	85/02/27	S02W73	Qual=01
SMM Pointing:	Importance=89 CaPeak.c/s=43	Mavelength=1371A		SMM Pointing:	HaClass=SF	Capeak.c/s=30	Wavelength=1371A	SMM Pointing:	HaClass=SN	Capeak.c/s=21	Feak3c/s=20 Wavelength=1371A	SMM Pointing:	Importance=Cl Peakc/s=486 Capeak.c/s=50	reaksc/s=21 Wavelength=1371A		SMM Pointing:	tan(Peak3c/s=12 Wavelength=1371A V/1		SMM Pointing:	Peakc/s=46 Wavelength=1296A
	End times 00:00 23:24			Fnd times	.41	02:50		Fnd times	7	14:59			22:07 21:31:46 21:35			+	S E	ntensity:		Fod + impo	01:04:10
	23:19 23:19 23:21	17:67		DOY=51 Peak		02:43	.	D0Y=51 Peak	15.00	14:56	•	DOY=51	21:32 21:31:13 21:31:13	51:34		DOY=53	12:55 12:55	12:54 Type/Intens		DOY=58	01:03:50
Event # = 21080 85/02/19,23:19	23:13 23:17 23:17	23:13	10010	Event # = 21081 85/02/20,02:52 Start	cal 02:35	02:43	02:49	t # = 21082 2/20,15:00 Start	a] 14:51	14:56	14:57	# = 7647 /20,21:32	GOES 21:27 HXRBS 21:37 BCS 21:31	21:16		# = 21083 /22,12:55 Start	12:40 12:51	12:54 Sweeps		# = 12735 /27,01:03 Start	01:03:50
Event 85/02	GOES BCS FCS	UVSP		85/02	Optic GOFS	SSS S	UVSP	Event 85/02/	Optic	SSS	UVSP	Event 85/02	GOES HXRBS BCS BCS	UVSP		Event 85/02/		UVSP Radio		Event 85/02/	HXRBS

					85/03/06	5 D0Y=65				
Event # = 12736 85/03/06,12:07 Start HXRBS 12:07:24 UVSP 12:08	2736 ::07 [it 7:24]	00Y=65 Peak 12:07:33	End times 12:07:44	Peakc/s=82 Wavelength=1398A	Qual=01	Tot Cts=315 Exp #=28490	MaxkeV=306 Rast=286"x243"	Flags=NS,GB Step=12" Pi	Pitch=-10",Yaw=+942"	Yaw=+942"
					85/03/15	5 D0Y=74				
Event # = 1 85/03/15,21)0Y=74		SMM Pointing:	N44W40		Pitch=-732",Yaw=-445",Roll=Odeg	=-445",Roll		H.Ang=62deg
Start HXRBS 21:06:44 UVSP 21:04		геак 21:06:47	21:06:52	Peakc/s=83 Wavelength=1548A	Qual=01	Tot Cts=209 Exp #=28769	MaxkeV=306 Rast=240"x120"	Flags=NS,G Step=3"	Flags=NS,GB Step=3" Pitch=-731",Yaw=-436"	, Yaw=-436"
					85/03/18	8 D0Y=77				
Event # = 1 85/03/18,09	12738	D0Y=77		SMM Pointing:	S12W54		Pitch=+130", Yaw	, Yaw≖-762",Roll=0deg		H.Ang=53deg
Start HXRBS 09:56:18 UVSP 09:24	t 56:18 (Peak 09:56:20	End times 09:56:26	Peakc/s=82 Wavelength=1548A	Qual=01	Tot Cts=216 Exp #=28851	MaxkeV=417 Rast=187"x67"	Flags=NS,G Step=3"	Flags=NS,GB Step=3" Pitch=+131",Yaw=-756"	, Yaw=-756"
					85/03/2	1 D0Y=80				
Event # = 7677 85/03/21,01:26	l	D0Y=80		SMM Pointing:	\$11E13		Pitch=+70", Yaw=+216", Roll=Odeg	+216",Roll=	0deg	H.Ang≈14deg
Star GOES HXRBS 01:2 UVSP 01:2	_	Реак 01:26:59	ol:27:49	Peakc/s=117 Wavelength≃1371A	Qua]=00 Qua]=01	Tot Cts=1549 Exp #=28951	MaxkeV=49 Rast=30"x30"	Step=0"	Pitch=+67",Yaw=+248	Yaw=+248"
Event # = 7682 85/03/21,21:55	1	DOY=80	End times	SMM Pointing:	N01E86		Pitch=-33",Yaw=+962",Roll=Odeg	.+962", Roll=	0deg	H.Ang=86deg
GOES HXRBS 21:5 UVSP 21:4		21:55:54	21:5	Peakc/s=71 Wavelength=1371A	Qual=00 Qual=01	Exp #=29006	MaxkeV=91 Rast=30"x30"	Step=0"	Pitch=-96",Yaw=+954	Yaw=+954"
Event # = 7683 85/03/21,22:31		D0Y=80	1	SMM Pointing:	N01E86		Pitch=-33", Yaw=	, Yaw=+962", Roll=Odeg	:0deg	H.Ang=86deg
Star Optical		Peak	End times		N03E88	AR4637	Mac.=DKO	Carr.Lon.=250deg	250deg	H.Ang≕88deg
GOES 22:21 HXRBS 22:24 BCS 22:25 FCS UVSP 22:30 Radio Sweeps	21 24:27 25 30 ps	72:31 22:25:07 22:29 22:35 Type/I	22:21 22:31 23:13 22:24:27 22:25:07 22:28:39 22:25 22:39 22:40 22:30 Type/Intensity: Frequency(MH7)/Flux(sfu):	Importance=C.	Qual=03 Qual=01 Qual= 1 Code=00	Tot Cts=20637 FePeak=22:29 Exp #=29010	Maxkev=112 FePeak.c/s=17 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=16.4s Pitch=-86",	XEN=508000 16.38s/pixel ,Yaw=+954"

3 T				85/03/23	23 D0Y=82				
"/00 /23,01:2 Start	3 D0Y=82 Peak	End times	SMM Pointing:		AR4637				
Optical GOES 01:15	01:23		HaClass=SF Importance=82	N01E72	AR4637	Mac.=DKO	Carr.Lon.=251deg	=251deg	H.Ang=72deg
HXRBS 01:17:3 UVSP 01:13 Radio Sweeps	S 01:17:24 01:19:11 01:22: 01:13 Sweeps Type/Intensit	23 y:	Peakc/s=73 Wavelength=1371A III/2 V/1	Qual=01 Code=00	Exp #=29100	MaxkeV=49 Rast=30"x30"	Step=0"	Pitch=-126"	",Yaw=+934"
Radio Frequ	ency(MHz)/	<u></u>	245/280 410/50 6	5/39	1415/27 2695/6 499	4995/7 8800/8			
Event # = 21084 85/03/23,16:15 Start	84 5 DOY=82 Peak	End times							
GOES 16:09	∹	:40	HaClass=SN Importance=B7	NO5E70 Oual=05	AR4637	Mac.=DKO	Carr.Lon.=245deg	=245deg	H.Ang=71deg
9	16:15 16:14	6:17	CaPeak.c/s=37 (Peak3.c/s=28	Qual= 5	FePeak=16:14	FePeak.c/s=13	#Peaks=1		XEN=508200
UVSP 16:15			Wavelength=1371A	Code=02	Exp #=29150	Rast=280"x280"	Step=10"	Pitch=-126"	Pitch=-126",Yaw=+892"
Fvent # = 769				85/03/25	5 D0Y=84				
85/03/25,23:36 Start	5 DOY=84 Peak	Fnd times	SMM Pointing:	N06E38		Pitch=-191", Yaw=+586", Roll=Odeg	/=+586", Roll	l=0deg	H.Ang=40deg
Optical GOES 23:23	•	0:00	HaClass=SN Importance=R4	NO7E35	AR4637	Mac.=DKO	Carr.ton.=250deg	=250deg	H.Ang=38deg
HXRBS 23:24:1 BCS 23:35 UVSP 23:20	9 23:24:4 23:35	4 23:25:23	Peakc/s=63 CaPeak.c/s=18 Wavelength=1371A		FePeak=23:35 Exp #=29382	MaxkeV=50 FePeak.c/s=11 Rast=30"x30"	#Peaks=1 Step=0"	XEN=508400 Pitch=-233", Yaw=+598"	XEN=508400 , Yaw=+598"
1001				85/04/03	3 D0Y=93				
Event # = 769, 85/04/03,20:20 Start) D0Y=93 Peak		SMM Pointing:	S22E30	•	Pitch=+271", Yaw=+449", Roll=0deg	=+449", Roll	=0deg	H.Ang=33deg
GOES 20:15 20:20 HXRBS 20:32:08 20:32:37 UVSP 19:39 Radio Frequency(MHz)/F	20:20 38 20:32:37 ency(MHz)/F	20:34 7 20:32:58 7 lux(sfu):	Importance=B4 Peakc/s=65 Wavelength=1548A 245/63 410/14 606	Qual=05 Qual=01 18A Code=00 606/16	Exp #=29780	MaxkeV=50 Rast=240"x240"	Step=10"	Pitch=+271"	, Үам=+458"
				85/04/21	1 D0Y=111				
EVEIL # = //04 85/04/21,14:06 Start GOES 14:01 HXRBS 14:05:57 UVSP	6 DOY=111 Peak 14:06 57 14:06:03	End times 14:10 3 14:06:10	Importance=B3 Peakc/s=113	Qua1=01 Qua1=01	Tot Cts=216	MaxkeV=50		Pitch=+4",Yaw=+9"	aw=+9"
Even + # = 2108	 			85/04/22	2 D0Y=112				
. ←	D0Y=112 Peak	End times	SMM Pointing:	N05E55		Pitch=-131", Yaw=+780", Roll=Odeg	=+780", Roll		H. Ang=56deg
Optical GOES 03:48	03:53	56	HaClass=SN Importance=C2	NO2E54 Oual=05	AR4647	Mac.=DKI	Carr.Lon.=232deg		H.Ang=54deg
BCS 04:01 UVSP 04:06	္ပ	:05	CaPeak.c/s=21 0 Wavelength=1545A	ual= 5	FePeak=04:01 Exp #=30363	FePeak.c/s=8 Rast=3"x3"	#Peaks=1 Step=0"	XEN=511200 Pitch=-127", Yaw=+783"	XEN=511200 , Yaw=+783"

Event # = 2 85/04/22,05	1086 :47 DOY	112		SMM Pointing:	N05E54		Pitch=-132", Yaw=	, Yaw=+769", Roll	,Roll=Odeg	H.Ang=55deg
Start GOES 05:39 BCS 05:44 FCS 05:43	75 Peak 39 05:47 44 05:47 43 05:48	~~~	End times 06:12 05:50	Importance=C1 CaPeak.c/s=41 Peak3c/s=79 Wavelength=1548A	Qual=01 Qual= 1 Code=00	FePeak=05:47 Exp #=30366	FePeak.c/s=12 Rast=240"x240"	#Peaks=1 Step=3"	dt= 7.7s) Pitch=-128",	XEN=511201 ',Yaw=+775"
	8	112	1 '	SMM Pointing:	N05E53		Pitch=-133", Yaw	, Yaw=+758", Roll=Odeg	l=0deg	H.Ang=54deg
Start GOES 07:16 BCS 07:19 FCS 07:19 UVSP 07:16	t Peak 16 07:20 19 07:19 07:11	000	End times 07:28 07:25	Importance=B6 CaPeak.c/s=23 Peak3c/s=28 Wavelength=1548A	Qual=01 Qual= 1 Code=00	FePeak=07:19 Exp #=30368	FePeak.c/s=10 Rast=240"x240" Rast=240"x240"	#Peaks=1 Step=10" Step=3"	Cad= 590s Pitch=-129"	XEN=511202 1.024s/pixel ", Yaw=+766"
Event # = 21088 85/04/22.09:05		=112		SMM Pointing:	N05E52		Pitch=-134", Yaw=+748"	=+748",Rol	,Roll=Odeg	H.Ang=53deg
Ontical	rt Peak		≣es	HaClass=SN	N06E56	AR4647	Mac.=DKI	Carr.Lon.=227deg	=227deg	H.Ang=57deg
60ES 09:00 BCS 09:03 FCS 08:50	00 09:05 03 09:05 09:06	888	09:11 09:09	Importance=C2 (CaPeak.c/s=72 (Peak3c/s=334 Wavelength=1548A	Qual=01 Qual= 1 Code=00	FePeak=09:04 Exp #=30370	FePeak.c/s=17 Rast=0"x0" Rast=240"x240"	#Peaks=1 Step=0" Step=3"	Cad= 768s Pitch=-130"	XEN=511205 768.0s/pixel ",Yaw=+757"
Event # = 7 85/04/22,14	1	=112	1 :	SMM Pointing:	N05E49		Pitch=-137", Yaw=+717", Roll=Odeg	=+717", Rol]=0deg	H.Ang=50deg
Start GOES 14:20 HXRBS 14:20:37 UVSP 14:20	rt Peak 20 14:26 20:37 14:22: 20	ak 26 22:05	End times 14:35 14:22:38	Importance=84 Peakc/s=221 Wavelength=1216A	Qual=03 Qual=02 Code=00	Tot Cts=5029 Exp #=30376	MaxkeV=418 Rast=286"x15"	Flags=SA Step=0"	Pitch=-134"	", Yaw=+674"
Event # = 7706 85/04/22.16:40	l l	D0Y=112		SMM Pointing:	N05E48		Pitch=-138", Yaw	, Yaw=+707", Rol	,Roll=Odeg	H.Ang=49deg
Star Optical		¥	nd times	HaClass=SB	N05E49	AR4647	Mac.=DKI	Carr.Lon.=230deg	=230deg	H.Ang=50deg
	37 16: 39:18 16: 39 16: 16:	.6:40 .6:39:46 .6:40 .6:44	vo.	rtance=M1 c/s=1666 ak.c/s=862 3c/s=248	Qual=01 Qual=01 Qual= 1	Tot Cts=30660 FePeak=16:40	MaxkeV=204 FePeak.c/s=252 Rast=240"x240"	Flags=M #Peaks=1 Step=10"	X Cad= 590s 1 pi+ch=_158"	XEN=511209 1.024s/pixel "Yaw=+733"
	16:39 Frequency(MHz)/Flux(sfu)	MHz)/F]ux(sfu):	Wavelengtn=13/1A 1415/16 2695/23 4	Lode=00 1995/36	8800/51 15400/110	אמא ר-טע אטע			
Event # = 85/04/22,1	7707 7:03 po	Y=112	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SMM Pointing:	N05E48		Pitch=-138", Yaw=+707",	v=+707", Rol	, Roll=Odeg	H.Ang=49deg
Start GOES 16:59 HXRBS 17:01:1 UVSP 16:58	က	reak 17:03 17:02:01	Ella Cimes 17:42 . 17:03:01	Importance=C2 Peakc/s=68 Wavelength=1371A	Qual=03 Qual=01 Code=00	Exp #=30387	MaxkeV=50 Rast=30"x30"	Step=0"	Pitch=-148	Pitch=-148",Yaw=+721"

	, <u>a</u> ,		570	<u></u>	_						=		,	-		
H.Ang=47deg	XEN=511206 1.024s/pixe1 ",Yaw=+693"	H.Ang=46deg	H.Ang=45deg XEN=511207	768.0s/pixel ',Yaw=+702"	H.Ang=46deg	XEN=511208	, Yaw=+670"		H.Ang=43deg	H.Ang=42deg	XEN=511300 3840s/pixel ", Yaw=+9	H.Ang=40deg	XEN=511301	1.024s/plxe! ',Yaw=+585"	H. Ang=40deg	XEN=511303 ', Yaw=+470"
1=0deg	590s =-150	, Roll=Odeg		Cad= 768s 7]=0deg		Pitch=-141"		, Roll=Odeg	-233deg	x Cad=3840s Pitch=-140",	=0deg	, C	tad= 590s 1 Pitch=-137",	, Roll=Odeg	Pitch=-37",
', Yaw=+687", Roll=Odeg	#Peaks=1 Step=0" Step=0"	, Yaw≖+677", Ro]	Carr.Lon.=232deg #Peaks=1	Step=0" Step=0"	w=+677", Rol	#Peaks≖1	Step=0"		, Yaw=+632", Rol	Carr.Lon.=233deg	#Peaks=1 Step=0" Step=3"		#Peaks=2	Step=0"	, Yaw=+596", Roll	#Peaks=1 Step=0"
Pitch=-140", Ya	80 MaxkeV=70 52 FePeak.c/s=31 #Peaks=1 Rast=240"x240" Step=10" 3 Rast=30"x30" Step=0" 5 4995/15 8800/35 15400/19	Pitch=-142", Ya	Mac.=DKI MaxkeV=50 FePeak.c/s=11	Kast=0"x0" Rast=30"x30"	Pitch=-142", Yaw=+677", Roll=Odeg	MaxkeV=50 FePeak.c/s=9	Rast=30"x30"		Pitch=-142", Ya	Mac.=EKI	MaxkeV=50 FePeak.c/s=18 Rast=0"x0" Rast=240"x240"	Pitch=-148", Yaw=+596", Roll=Odeg	MaxkeV=50 FePeak.c/s=12	Rast=30"x30"	Pitch=-148", Yaw	FePeak.c/s=15 Rast=30"x30"
	Cts=18: eak=19:: #=3039: 2695/10		AR4647 FePeak=21:32	Exp #=30399		Tot Cts=3496 FePeak=21:43	Exp #=30401	3 DOY=113	I	AR4647	Tot Cts=1474 FePeak=02:52 Exp #=30422		FePeak=08:51	Exp #=30452		FePeak=08:58 Exp #=30456
N05E46	Qual=01 Qual=01 Qual= 1 Code=00	N05E45	NO4E44 Qual=01 Qual=01 Qual= 1	Code=00	N05E45	Qual=01 Qual=01 Qual= 1	Code=00	85/04/23	N05E42	N06E41 Oual=03	Qual=01 Qual= 1 Code=00	N05E39	Qual=01 Qual=01 Qual= 1	Code=00	N05E39	Qual=01 Qual= 1 Code=01
SMM Pointing:	Importance=C9 Qual=01 Peakc/s=331 Qual=01 Tot CaPeak.c/s=150 Qual= 1 FeP Peak3c/s=947 Wavelength=1371A Code=00 Exp 245/35 410/670 606/24 1415/11	SMM Pointing:	HaClass=SN Importance=C1 Peakc/s=74 CaPeak.c/s=37	Wavelength=1371A	SMM Pointing:	Importance=B7 Peakc/s=104 CaPeak.c/s=22 Peak3.c/s=185	Wavelength=1371A		SMM Pointing:	HaClass=SF Importance=Cl	Peakc/s=117 CaPeak.c/s=46 Peak3c/s=95 Wavelength=1548A	SMM Pointing:	Importance=87 Peakc/s=71 CaPeak.c/s=25 Peak3.c/s=16	Wavelength=1371A	SMM Pointing:	Importance=Cl CaPeak.c/s=33 Wavelength=1371A
1	20:08 19:52:34 19:57 1ux(sfu):	End times	21:40 21:32:34 21:35		Fnd times	22:00 21:42:1 21:44			End times	3:09	02:52:18 02:54	End times	28		End times	10:06 09:20
00	19:50 19:52: 19:53 19:53	00Y=112 Peak	21:33 21:32:15 21:32		DOY=112 Peak	21:43 : 21:41:48 : 21:43 : 21:43) - -		D0Y=113 Peak	02:52	02:51:16 02:52 02:51	D0Y=113	08:52 08:50:50 08:52 08:52		DOY=113 Peak	09:25 09:04
#≈ <u>(</u> ()	19:47 19:51:44 19:51 19:48 Frequen	# = 7709 /22,21:33 Start	al 21:29 21:31:53 21:32	21:22	#≈ CO	21:40 21:41:26 21:42	21:41	i	t # = //11 4/23,02:52 Start	::	02:50:55 02:51 02:32		08:46 08:50:42 08:51	08:42	# = 21089 '23,09:25 Start	08:56 08:58 09:18
Event 85/04/	GOES HXRBS BCS FCS UVSP Radio	143	Optic GOES HXRBS BCS BCS FCS		Event 85/04/	GOES HXRBS BCS FCS	UVSP		85/04/	Optica GOES	HXRBS BCS FCS UVSP	Event 85/04/	GOES HXRBS BCS FCS	UVSP	7	GOES BCS UVSP

10:37 11:14	vent # = 7715 5/04/23 10:33	DOY=113		SMM Pointing:	N05E38		Pitch=-150", Yaw	, Yaw=+584", Roll=0deg		H.Ang=39deg
117 101.33 1191.4 Importance=22 Qual=13 Fereak=10127 Fereak=260 Fereak=26	Start	:	d times	HaClass=SN	N03E40	AR4647	Mac.=EKI	Carr.Lon.=		H.Ang≃41deg
13:13 13:12 13:12:48 13:12 13:12:48 14:15 13:12:48 14:15 13:12:49 14:15 13:12 13:12:49 14:15 13:13 14:15 13:13 14:15 13:13 14:15 13:13 13:13 14:15 13:13 14:15	0:17 0:40 0:16	10:33 10:40: 10:27 10:30	11:14 10:41:01 10:49	Importance=C2 Peakc/s=72 CaPeak.c/s=71 Peak3c/s=124	Qual=03 Qual=01 Qual= 1		MaxkeV=50 FePeak.c/s=16 Rast=240"x240"		lt= 3.8s Cad= 590s Si+ch=_117"	XEN=511314 1.024s/pixel
13.15 13.12 13.1	0:1			Wavelength=13/1A	Code=00		Kdst=30 X30	- 1	11011	0.00
11.57 13:12:19 13:12:48 Peakc/s=74 Qual=01 Tot Cts=438 MaxkeV=50 11.57 13:12:19 13:12:48 Peakc/s=74 Qual=01 Tot Cts=438 Pitch=-150", Vaw=+525", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-150", Vaw=+525", Roll=Odeg Pitch=-150", Vaw=+525", Roll=Odeg Pitch=-150", Vaw=+525", Roll=Odeg Pitch=-150", Vaw=+525", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-150", Vaw=+525", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-150", Vaw=+520", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-150", Vaw=+520", Roll=Odeg Pitch=-150", Vaw=+520", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-150", Vaw=+520", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-150", Vaw=+520", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-140", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-146", Roll=Odeg Pitch=-140", Roll=Odeg Pitch=-140", Roll=Odeg Pitch=-145", Roll=Odeg Pitch=-145", Roll=Odeg Pitch=-150", Vaw=+473", Roll=Odeg Pitch=-170", Roll=Odeg Pitch=-150", Vaw=+473", Roll=Odeg Pitch=-170", Roll=Odeg Pitch=-150", Vaw=+473", Roll=Odeg Pitch=-170", Roll=Odeg Pitch=				Pointing	N05E36		Pitch=-150", Yaw	=+561", Roll		H.Ang=37deg
18:18 DOY=113 DOY=113 SMM Pointing: NOSE33 Pitch=-150", Yaw=+525", Roll-Odeg Pack Peak 18:18 Peak Capeak Ca	3:12 3:11:	reak 13:13 13:12:1	13:17 13:12 13:12:48	.c/s=74	Qual=01 Qual=01	Tot Cts=438	MaxkeV=50			
### Peak	771 18:1			Pointing	N05E33		Pitch=-150", Yaw	=+525", Roll	=0deg	H.Ang=35deg
# = 7718 DOY=113 SMM Pointing: NOSE32 Pitch=-153", Yaw=+504", Roll=Odeg Fass Start Peak End times Pitch=-153", Paw=+504", Roll=Odeg Fass Start Peak Start Start Peak Start art :16 :17:2 :17:2	Peak 18:18 18:17:4 18:18	End time 18:29 18:18:13 18:18	cance=B8 c/s=68 c.c/s=25 ength=1548A	Qual=02 Qual=01 Qual= 2 Code=00	Tot Cts=475 FePeak=18:18 Exp #=30477	MaxkeV=70 FePeak.c/s=8 Rast=240"x240"	#Peaks=1 Step=3"	Pitch=-146"	XEN=511304 , Yaw=+533"	
Start Peak End times HaClass=SN NodE30 AR4647 Mac.=EKI Carr.Lon.=233deg Haxev=70 Arabida Ar	# = 771	=		Pointing	N05E32		Pitch=-153", Yaw	=+504", Roll	=0deg	H.Ang≖33deg
18:15 21:11 21:21 Importance=C6 Qual=U1 Tot Cts=21849 MaxkeV=70 20:54 21:11 21:23 CaPeakc/s=307 Qual= 1 FePeak=21:10 FePeak.c/s=66 #Peaks=1 dt= 7.7s 20:54 21:11 21:39 CaPeakc/s=307 Qual= 1 FePeak=21:10 FePeak.c/s=66 #Peaks=1 dt= 7.7s 20:57	Start		mes	HaClass=SN	N04E30	AR4647	Mac.=EKI	Carr.Lon.=	233deg	H.Ang=31deg
20:57 21:08 Wavelength=1371A Code=00 Exp #=30487 Rast=30"x30" Step=0" Pitch=-170" Sweeps Type/Intensity: Wavelength=1371A Code=00 Exp #=30487 Rast=30"x30" Step=0" Pitch=-170" Vi3 R800/52 15400/52 Vi3 R800/52 15400/52 Vi3 R800/52 15400/52 Vi3 R800/52 15400/52 Vi3 Rast=21090 Vi3 Rast=280"x280" Step=10" Pitch=-145" Vi3 Rast=210 Vi3 18:15 21:04:2 20:54	21:11 21:09:2 21:11	21:21 21:11:45 21:39	Importance=C6 Peakc/s=339 CaPeak.c/s=307	Qual=01 Qual=01 Qual= 1	Tot Cts=21849 FePeak=21:10	MaxkeV=70 FePeak.c/s=66	#Peaks=1	dt= 7.7s	XEN=511313	
Sweeps Iype/Intensity: 10/3 Sw0/52 15400/52 Frequency (MHz)/Flux(sfu); 8800/52 15400/52 15400/52 15400/52 15400/52 15400/52 15400/52 15400/52 15400/52 15400/52 15400/52 15400/52 1541 Qual= 4 FePeak=19:24 FePeak=19:24 FePeak=19:24 FePeak=19:24 FePeak=19:24 FePeak=19:31 FePeak=19:32 FePeak=13:14 Gual= 4 FePeak=22:31 F	20:57	21:08		Peak3c/s=302 Wayelength=1371A	Code=00	Exp #=30487	Rast=30"x30"	Step=0"	Pitch=-170"	, Yaw=+482"
19:19 19:24 19:59 Capeak.c/s=141 Qual= 4 FePeak=19:24 FePeak.c/s=13 #Peaks=1 dt= 3.85 19:24 19:59 Capeak.c/s=145 Qual= 4 FePeak=19:24 FePeak.c/s=13 #Peaks=1 dt= 3.85 19:24 19:32 Wavelength=1351A Exp #=30480 Rast=280"x280" Step=10" Pitch=-145" 22:28 22:32 23:19 Capeak.c/s=39 Qual= 4 FePeak=22:31 FePeak.c/s=9 #Peaks=2 dt= 7.75 22:31 Exp #=30492 Rast=280"x280" Step=10" Pitch=-146" 4	Sweeps Frequer	Type/] cy (MHz)/F	25	52 15400/5			1	1	1	1 1 1 1 1
19:24 19:32 Wavelength=1351A Wavelength=1351A Wavelength=1351A 22:28 22:32 22:32 22:33 22:43 Wavelength=1371A Exp #=30480 Rast=280"x280" Step=10" Pitch=-145" Peak3c/s=171 Exp #=30492 Peak.c/s=9 #Peaks=2 dt= 7.7s	19:19	19:24	19:59	CaPeak.c/s=141	Ssociated Qual= 4		FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=511305
22:28 22:32 23:19 CaPeak.c/s=39 Qual= 4 FePeak=22:31 FePeak.c/s=9 #Peaks=2 df=7.7s Peak3c/s=171 Exp #=30492 Rast=280"x280" Step=10" Pitch=-146"	6	თ		3c/s=615 length=1351			Rast=280"x280"	Step=10"	Pitch=-145	, Yaw=+519"
22:31	22:28	22:32	23:19	CaPeak.c/s=39	ssociated Qual= 4			#Peaks=2	dt= 7.7s	-5113
# = 8474 /24,00:51 D0Y=114	2:	5		Peak3c/s=171 Wavelength=1371A		Exp #=30492	Rast=280"x280"	Step=10"	Pitch=-146	, Yaw=+495"
# = 8474 24,00:51 D0Y=114 SMM Pointing: N05E30 Pitch=-153",Yaw=+473",Roll=Odeg Start Peak End times Start Peak End times 00:51 01:17 Importance=C1 Qual=O1 Tot Cts=1690 MaxkeV=91 Flags=I 00:49:16 00:50:25 Peakc/s=130 Qual=01 Tot Cts=1690 MaxkeV=91 Flags=I 00:49:00:50 00:52 CaPeak.c/s=23 Qual= 1 FePeak=00:50 FePeak.c/s=9 #Peaks=1 Mavelength=1371A Code=00 Exp #=30503 Rast=30"x30" Step=0" Pitch=-172" Sweeps Type/Intensity: III/3 V/2 Sweeps Type/Intensity: 245/740 4995/74					85/04/2					
Start Peak End times 00.46 00:51 01:17 Importance=C1 Qual=01 00.49:16 00:49:28 00:50:25 Peakc/s=130 Qual=01 Tot Cts=1690 MaxkeV=91 Flags=I 00.49:16 00:49:28 00:50:25 Peak.c/s=23 Qual= 1 FePeak=00:50 FePeak.c/s=9 #Peaks=1 00:49 00:50 00:52 CaPeak.c/s=23 Qual= 1 FePeak=00:50 FePeak.c/s=9 #Peaks=1 Wavelength=1371A Code=00 Exp #=30503 Rast=30"x30" Step=0" Sweeps Type/Intensity: III/3 V/2 Frequency(MHz)/Flux(sfu): 245/740 4995/74	# = 847 /24,00:5	≓		SMM	N05E30		Pitch=-153",Yaw	r=+473", Rol	=0deg	H.Ang=31deg
Frequency (MHz)/Flux(sfu): 245,	v00003	Peak 00:51 5 00:49:20 00:50 Tvne/):25 2:25 itv:		Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=1690 FePeak=00:50 Exp #=30503	MaxkeV=91 FePeak.c/s=9 Rast=30"x30"	Flags=I #Peaks=1 Step=0"	Pitch=-172	XEN=511400 ', Yaw=+442"
	Š	ncy (MHz)/	fιζ	245/740 4995/74						

## 101551 Cart. Lines Pack Control ## 101552 Cart. C	Event # = 778 85/04/24,01:	53 D0Y=114	1	SMM Pointing:	N05E29		Pitch=-154", Yaw	, Yaw=+463", Rol	, Roll=Odeg	H.Ang=31deg
011477-50 01157 02221	_	7 can	ر اللام الا	HaClass=1N	N03E28	AR4647	Mac.=EKI	Carr.Lon.	=233deg	H.Ang=29deg
Frequency(HRz)/Flux(sfu): 4995/78 8800/290 Gal=01 # 7/22 101.461.50 Out-014 # 47722 Out-661.50 Out-014 # 4995/78 8800/290 Gal=01 # 4996/78 8800/290 Gal=01 # 4996/78 8800/290 Gal=01 # 4996/78 8800/290 Gal=01 # 4996/78 8800/290 Ga	BS 01:47 01:48	7:54 01:48:2 01:52 01:51	1 02:01:43 02:21	Importance-09 Peak(>=2734 CaPeak.c/s=768 Deak3 c/s=541	Qual=01 Qual=01 Qual= 1	Tot Cts=1.52E+5 FePeak=01:52			-	XEN=511401
01:46:22 01.46:17 01:47:06 Peak/5-80 Qual-01 Revet.** Pitch-154", Yaw+450", Roll-Odeg H.Ang-30deg Start Pointing: N05228 RA4647 Max.ev-50 Pitch-154", Yaw+450", Roll-Odeg H.Ang-30deg Odes Odes Odes Odes Odes Odes Odes Odes	P 01:4(io Frec	uency(MHz)/	Flux(sfu):	Wavelength=1371A 4995/78 8800/290	Code=00 15400/250	Exp #=305(Rast=0.x0" Rast=30"x30"		Cad=26.9s Pitch=-132'	26.88s/pixel ",Yaw=+444"
134-00 1	3S	5:25 01:46:4	7 01:47:06	A Peakc/s=80	ssociated Qual=01	Event # = 771	MaxkeV=50	1 1 1	1	1 1 1
13.40 04.02 04.33 10.07 04.33 10.07 04.33 10.07 04.33 10.07 04.35 04.3 03.40 03.40 03.40 03.41 03.40 03.41 03.40 03.41	int # = 7) 04/24,04: Start	DOY=11 Peak	t pu	SMM Pointing	N05E28		Pitch=-154", Yaw	/=+450", Rol]=0deg	H.Ang=30deg
03.40.38 03.41:04 03.	œ	04:02	04:33	Ha.	N04E26	AR4647	Mac.=EKI	Carr.Lon.	=234deg	H.Ang=27deg
03:53		38 03:41 03:51 03:51	03:41: 04:10	Peakc/s=62 CaPeak.c/s=107	Qual=01 Qual= 3	FePeak=03:51	MaxkeV=50 FePeak.c/s=22	Peaks	3.8	XEN=511409
# = 7722 Start Peak End times H-Ang=29deg H-Ang=29deg H-Ang=29deg H-Ang=29deg Start Peak End times H-Ang=29deg H-A	03:53 5 Freq	uency(MHz)/	sfu)	ength=1371/ 10 2695/11	Code=00 1995/23	Exp #=30518 100/25	Rast=30"x30"	Step=0"	Pitch=-123"	', Yaw=+416"
HaClass=SN	- 10	2 3 D0Y=11 Peak	1 2	Pointing	N05E27	-	Pitch=-155", Yaw	:=+437", Roll	=0deg	H.Ang=29deg
04:46:00 04:5i:24 05:08:00 Peakc/s=194 Qual=1 Febeak=04:55 Reseak.c/s=77 #Peaks=1 dt= 3.8s XEN=511403 Raste=06:00 05:04 Peaksc/s=578 Pea	<u></u>	050	:35	HaClass=SN	NO5E26	AR4647	Mac.=EKI	Carr.Lon.≖	-233deg	H.Ang=28deg
Peak 3 (2s=5/8 Peak 3 (2s=5/8 Peak 3 (2s=5/8 Peak 3 (2s=2) Peak 3 (2s=2) Peak 3 (2s=2) Peak 3 (2s=24 Peak 3 (2s=24) Peak 3		00 04:51:2	05:08:00 05:45	Peakc/s=194 CaPeak.c/s=433	Qual=01 Qual= 1	Tot Cts=33987 FePeak=04:55	MaxkeV=50 FePeak.c/s=77		dt= 3.8s	XEN=511403
# = 7723 24,08:39		S		Peak3c/s=578 Wavelength=1371A	Code=00	Exp #=30522	Rast=0"x0" Rast=30"x30"		Cad=16.4s Pitch=-194"	16.38s/pixel , Yaw=+428"
08:36 08:39 08:42 Importance=B2 0ual=01		D0Y=11	9	Pointing	N05E26		Pitch=-156", Yaw	=+411", Roll		H.Ang=27deg
# = 7725 24,09:35	10	08:39 7 08:39:4	08:42 08:39:54	rance=B2 c/s=247 length=1371A		Tot Cts=1267 Exp #=30542	MaxkeV=70 Rast=30"x30"	Step=0"	Pitch=-175"	, Yaw=+367"
HaClass=38 NO6E27 AR4647 Mac.=EKI Carr.Lon.=230deg H.Ang=29deg 08:45 09:25:35 15:30 Importance=X2 Qual=03 09:26:39 09:29:35 10:28:55 Peak.c./s=18610 Qual=04 Tot Cts=7.76E+6 MaxkeV=418 Flags=M, SN, EN	# = 77 '24,09: Start	25 35 D0Y=11 Peak	ļ	Pointing	N05E25		Pitch=-156", Yaw	=+398", Roll		H.Ang=27deg
09:26:39 09:29:35 10:28:55 Peakc/s=18610 Qual=04	cal 68:45		30	Class=3B tance=X2	NO6E27	AR4647	Mac.=EKI	Carr.Lon.=		H.Ang≈29deg
09:33	09:5 09:2	:39 09:29:3 09:41 00:37	10:28:55 10:28	c/s=18610 k.c/s=13695	Qual=04 Qual= 4	Tot Cts=7.76E+6 FePeak=09:41		Flags=M, SI #Peaks=1		XEN=511404
Frequency(MHz)/Flux(sfu): 245/340 410/1300 606/3100 1415/7200 2695/4700 4995/10000 8800/13999 15400/13000 11:03 11:04 12:02 CaPcak.c/s=657 Qual= 5 FePeak=11:04 FePeak.c/s=32 #Peaks=1 XEN=511410 11:05 11:17 Cade 768 768.05/pixel 11:06 Wavelength=1545A Exp #=30554 Rast=0"x0" Step=0" Pitch=+446", Yaw=+48"	09:33 Sweens	75:50 Tvne/I		Feak3c/s=/3/3 Wavelength=1371A TV/1	Code=00	Exp #=30546	Rast=0"x0" Rast=30"x30"	Step=0" Step=0"	Cad=26.9s Pitch=-145"	25.88s/pixel ,Yaw=+359"
11:03 11:04 12:02 CaPcak.c/s=657 Qual= 5 FePeak=11:04 FePeak.c/s=32 #Peaks=1 XEN=511410 11:17 Peak3.c/s=1974 Exp #=30554 Rast=0"x0" Step=0" Cad= 768s 768.0s/pixel 11:06 Wavelength=1545A Exp #=30554 Rast=3"x3" Step=0" Pitch=+446",Yaw=+48"	Fred	uency(MHz)/F		40 410/1300	606/3100 sociated	1415/7200 2695/4			15400/13000	
11:06 Wavelength=1545A Exp #=30554 Rast=3"x3" Step=0" Pitch=+446	11:03	11:04 11:17		k.c/s=657 c/s=1974	Qual= 5	FePeak=11:04		#Peaks=1 Step=0"		_
	11:06			Wavelength=1545A			Rast=3"x3"		Pitch=+446"	, Yaw=+48"

	ı	i	1	1]
XEN=511411 768.0s/pixel ", Yaw=+380" E	H.Ang=23deg XEN=511413 768.0s/pixe1 ", Yaw=+338"	H.Ang=23deg XEN=511412 1.024s/pixe1 1", Yaw=+338"	H.Ang=23deg 3", Yaw=+302"	H. Ang=21deg H. Ang=23deg XEN=511408 8", Yaw=+343"	=0deg H.Ang=18deg Pitch=-180", Yaw=+236"
dt= 3.8s X Cad= 768s 7 Pitch=-153", 	l=0deg H dt= 7.7s X Cad= 768s 7 Pitch=-153",	l=0deg H dt= 3.8s X Cad=1.02s 1 Pitch=-153",	,Roll=Odeg 6.00 Pitch=-108"	=0deg]]=0deg Pitch=-18
#Peaks=1 Step=0" Step=0" Feaks=1 #Peaks=1 Step=10" Step=10"	,Yaw=+345",Roll=Odeg Flags=SA	<pre>w=+331",Rol #Peaks=1 Step=0" Step=10"</pre>	,Yaw=+331",Rol " Step=0"	,Yaw=+304",Roll=Odeg Carr.Lon.=229deg Flags=I 10 #Peaks=1 dt= 3. " Step=O" Pitch=	aw=+244", Ro Step=0"
FePeak.c/s=13 Rast=0"x0" Rast=30"x30" FePeak.c/s=11 Rast=240"x240" Rast=280"x280"	Pitch=-158", Yan MaxkeV=70 FePeak.c/s=27 Rast=0"x0" Rast=280"x280" 15400/42	Pitch=-159", Yaw=+331", Roll=Odeg FePeak.c/s=8 #Peaks=1 dt= 3 Rast=0"x0" Step=0" Cad=1 Rast=280"x280" Step=10" Pitch	Pitch=-159", Ya MaxkeV=50 Rast=30"x30"	Pitch=-159", Ye Mac.=EKI MaxkeV=70 FePeak.c/s=10 Rast=30"x30"	Pitch=-161", Yaw=+244", Roll=Odeg MaxkeV=50 Rast=30"x30" Step=0" Pitch
Event # = 21093 FePeak=12:39 Exp #=30559 Event # = 21094 FePeak=14:12 Exp #=30566	s=1630 =16:45 30576 800/19	FePeak=17:21 Exp #=30576	Tot Cts=263 Exp #=30577	Tot FePe Exp	Tot Cts=282 Exp #=30614
Sociated Qual= 5 Sociated Qual= 5	NO5E21 Qual=05 Qual=02 Qual= 6 695/85 499	NO5E20 Qual=00 Qual= 6	N05E20 Qual=00 Qual=01	ž žõõõ ů	85/04/25 N05E15 Qual=00 Qual=01 A
aPeak.c/s=67 eak3c/s=349 lavelength=1347 aPeak.c/s=25 eak3c/s=119 lavelength=1373	SMM Pointing: N05E21 Importance=C5 Qual=05 Peakc/s=112 Qual=02 Tot Ct: CaPeak.c/s=98 Qual= 6 FePeak Peak3c/s=102 Wavelength=1371A 245/52 1415/40 2695/85 4995/14 8	SMM Pointing: CaPeak.c/s=100 Peak3c/s=439 Wavelength=1371A	SMM Pointing: Peakc/s=75 Wavelength=1371A	SMM Pointing: HaClass=SN Importance=C2 Peak(s=112 CaPeak.c/s=58 Peak3c/s=384 Wavelength=1371A V/2 245/780 410/210	SMM Pointing: Peakc/s=91 Wavelength=1371A
13:37 C	۰۰ انت ا	End times 17:52	End times	times 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	End times 5 03:18:12
12:39 12:46 12:46 14:12	= 7/26 17:02 DOY=114 End time 6:42 17:02 17:25 6:45:22 16:45:55 16:46:56 6:00 16:45 16:46 7:23 7:23 Frequency (MHz)/Flux(sfu)	DOY=114 Peak 17:21 17:28	D0Y=114 Peak 2 17:29:40	DOY=114 Peak 20:56 1 20:50:1 20:57 20:58 Type/	DOY=115 Peak 1 03:18:05
12:38 12:41 14:12 14:15	# X H H H	# = 21095 24,17:21 Start 17:21 17:23	vent # = 7727 5/04/24,17:29 Start OES XRBS 17:29:12 VSP 17:24	" → '\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\	# = 7728 '25,03:18 Start 03:17:3 03:09
BCS L LVSP LVSP L FCS L LVSP LVSP LVSP LVSP LVSP LVSP LVSP LVSP	Event 85/04/ GOES HXRBS BCS FCS UVSP Radio	Event 85/04/ GOES BCS FCS UVSP	Event 85/04/ GOES HXRBS UVSP	Event # 85/04/24 Optical GOES HXRBS HXRBS FCS UVSP Radio Sk	Event 85/04/ GOES HXRBS UVSP

vent # = 7729 5/04/25,04:23	1		SMM Pointing:	N05E14		Pitch=-161", Ya	, Yaw=+233", Rol	. Roll=0dea	H. Ang=17deg	ı
Start 60ES 04:12 HXRBS 04:21:25 BCS 04:22 FCS UVSP 04:24 Radio Frequen	Peak 04:23 04:22 04:23 cy(MHz)/	End times 04:36 12 04:22:21 04:23 Flux(sfu):	Importance=86 Peakc/s=144 CaPeak.c/s=24 Peak3c/s=47 Wavelength=137;	Qual=04 Qual=01 Qual= 1 1A Code=02 15400/34	Tot Cts=1599 FePeak=04:22 Exp #=30619	MaxkeV=70 FePeak.c/s=10 Rast=0"x0" Rast=280"x280"	0] 10	840s =-155	XEN=511500 3840s/pixel ', Yaw=+241"	
· ~	DOY=115 Peak	End times	SMM Pointing: HaClass=SF	N05E14	AR4647	Pitch=-161", Yaw=+233" Mac.=EKI Carr.	v=+233", Roll=Odeg Carr.Lon.=234deq	, Roll=0deg Lon.=234deq	H.Ang=17deg	
	47 04:59:12 04:59 05:00	05:05 04:59:33 05:01	Importance=B6 Peakc/s=220 CaPeak.c/s=19 Peak3c/s=82 Wavelength=1371A	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=1482 FePeak=04:59 Exp #=30622	MaxkeV=70 FePeak.c/s=16 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	.4s -120'	XEN=511501 16.38s/pixel ", Yaw=+193"	
ent # = 21096 //04/25,05:17 Start	6 DOY=115 Peak	End times	SMM Pointing:	N05E14		Pitch=-161", Yaw	, Yaw=+233", Roll	, Roll=0deg	H.Ang=17deg	i
E C C C	00	35 17	HaClass=SF Importance=B7 CaPeak.c/s=19 Wavelength=1371A	NO3E11 Qual=01 Qual= 1 Code=00	AR4647 FePeak=05:17 Exp #=30624	Mac.=EKI FePeak.c/s=5 Rast=30"x30"	Carr.Lon.=235deg #Peaks=1 Step=0" Pitch=	-120"	H.Ang=13deg XEN=511502 , Yaw=+190"	
<pre>svent # = 21097 \$5/04/25,05:57 \$tart</pre>	7 D0Y=115 Peak	times	SMM Pointing:	N05E13		Pitch=-161", Yaw	, Yaw=+220", Roll=0deg		H.Ang=17deg	1
GOES 05:51 BCS 05:56 FCS 05:56	05:57 06:01 05:57	06:26 06:02	Importance=B7 (CaPeak.c/s=20 (Peak3c/s=56	Qual=04 Qual= 1	FePeak=06:01	FePeak.c/s=7			XEN=511515	
Freq	uency(MHz)/F	/Flux(sfu):	wavelengtn=13/1A 4995/11 8800/13	Code=02	Exp #=30627	Rast=280"x280"	Step=10"	Pitch=-155",Yaw=+227"	,Yaw=+227"	
vent # = 21098 15/04/25,06:41 Start ptical NES 06:34 CS 06:36 CS 06:36	B D0Y=115 Peak 06:41 06:40	End times 07:11 06:47	SMM Pointing: HaClass=SF Importance=B8 CaPeak.c/s=35 Peak3c/s=37 Wavelength=1371A	NO5E13 NO5E11 Qual=01 Qual= 1 Code=00	AR4647 FePeak=06:39 Exp #=30632	Pitch=-161", Yaw Mac.=EKI FePeak.c/s=20 Rast=30"x30"	'Yaw=+220",Roll=0deg Carr.Lon.=234deg 20 #Peaks=1 dt= 7. " Step=0" Pitch=	7s -140"	H.Ang=17deg H.Ang=15deg XEN=511518 ,Yaw=+165"	<u> </u>
", 25, L	1 > 10 •	imes	SMM Pointing: HaClass=SN	NO5E12 NO5E11	AR4647	Pitch=-161", Yaw	, Yaw=+205", Roll=0deg Carr.Lon.=233deg		H.Ang=15deg	I
HXRBS 07:37:04 BCS 07:30 FCS 07:33 UVSP 07:33 Radio Frequenc	07:37 07:38:10 07:37:04 07:37:33 07:38:1 07:30 07:48 07:33 Frequency (MHz)/Flux(sfu)		Importance=C4	Qual=04 Qual=01 Qual= 4 Code=00 i800/45 15	Tot Cts=704 FePeak=07:32 Exp #=30636 400/23	MaxkeV=50 FePeak.c/s=25 Rast=300"x300" Rast=30"x30"	#Peaks=2 c Step=10" (Step=0" F	8s 22s -140'	XEN=511512 1.024s/pixel ',Yaw=+167"	
										ı

XEN=511523 16.38s/pixel ", Yaw=+131"	H.Ang=15deg	XEN=511503 3840s/pixel ', Yaw=+198"	H.Ang=15deg	, Yaw=+130"	H.Ang=15deg	XEN=511506 768.0s/pixe1 ', Yaw=+185"	H.Ang=15deg	XEN=511519	', Yaw=+171"	H.Ang=13deg	',Yaw=+82"	H.Ang=12deg	H.Ang=10deg	xEN=511507 s 768.0s/pixel 72", Yaw=+113"
dt= 7.7s) Cad=16.4s) Pitch=-121"	, Roll=Odeg	X Cad=3840s Pitch=-156",	, Roll=Odeg	Pitch=-121"	1=0deg	dt= 7.7s X Cad= 768s 7 Pitch=-158",	, Roll=Odeg		Pitch=-158"	,Roll=Odeg	Pitch=-111"	,Roll≖Odeg	.=234deg	Cad= 768 Pitch=-1
#Peaks=3 Step=0" Step=0"	, Yaw=+191", Rol	Flags=I #Peaks=1 Step=0" Step=10"	w=+191",Rol	Flags=I Step=0"	.w=+177", Rol	#Peaks=1 Step=0" Step=3"	, Yaw=+177", Ro]	#Peaks=1	Step=0"	, Yaw=+148", Ro	Flags=M Step=0"	, Yaw≃+105",Ro	Carr.Lon.=234deg	#Peaks=1 Step=0" Step=0"
FePeak.c/s=13 Rast=0"x0" Rast=30"x30"	Pitch=-162",Ya	MaxkeV=50 FePeak.c/s=16 Rast=0"x0" Rast=280"x280"	Pitch=-162", Yaw=+191"	MaxkeV=91 Rast=30"x30"	Pitch=-162", Yaw=+177", Roll=Odeg	FePeak.c/s=8 Rast=0"x0" Rast=240"x240"	Pitch=-162",Ya	FePeak.c/s=14	Rast=30"x30"	Pitch=-163", Ya	MaxkeV=70 Rast=30"x30"	Pitch=-163", Ya	Mac.=EKI	MaxkeV=70 FePeak.c/s=11 Rast=0"x0" Rast=30"x30"
Event # = 21099 FePeak=08:18 Exp #=30640		FePeak=09:05 Exp #=30643		Tot Cts=3359 Exp #=30646		FePeak=10:51 Exp #=30653		FePeak=12:13	Exp #=30656		Tot Cts=959 Exp #=30667		AR4647	Tot Cts=1482 FePeak=18:58 Exp #=30679 Event # = 7733
ssociated Qual= 1	N05E12	Qual=04 Qual=01 Qual= 4 Code=02	N05E12	Qual=01 Qual=01 Code=00	N05E11	Qual=03 Qual= 3 } Code=00	N05E11	Qual=05 Qual= 4	A Code=02	N05E09	Qual=01 Qual=01 1A Code=00 606/170	N05E06	N04E04	Qual=01 Qual=01 Qual= 1 1A Code=00 Associated
CaPeak.c/s=42 Peak3c/s=45 Wavelength=1371A	SMM Pointing:	Importance=B8 Peakc/s=65 CaPeak.c/s=22 Peak3c/s=37 Wavelength=1371A	SMM Pointing:	Importance=B6 Peakc/s=363 Wavelength=1371A	SMM Pointing:	Importance=B8 CaPeak.c/s=29 Peak3c/s=104 Wavelength=1548A	SMM Pointing:	Importance=Cl CaPeak.c/s=27	Peak3c/s=54 Wavelength=1347,	SMM Pointing:	Importance=B5 Peakc/s=139 Wavelength=1371A 245/160 410/95 60	SMM Pointing:	HaClass=SN	Importance=86 Peakc/s=123 CaPeak.c/s=25 Peak3c/s=44 Wavelength=1371
	End times	27		End times 09:39 09:35:09		End times 11:29 11:22	-	tnd times 12:43 12:19		!	End times 14:50 :14:45:47 :lux(sfu):		п	19:06 18:59:24 19:00
08:18 08:11	12	09:06 09:12:12 09:05 09:05	D0Y=115	Peak 09:36 09:34:27		Peak 10:53 10:51 10:52		Peak 12:09 12:13		D0Y=115	Peak 14:46 5 14:45:28 ncy(MHz)/F	P00	Peak	18:59 9 18:59:02 18:59 18:59
08:06 08:11	# = 7881 /25,09:06 Start	09:01 09:12:00 09:04	# = 7882 /25,09:36	Start 09:32 09:34:06 09:27	# = 21100/25, 10:53	Start 10:42 10:48 10:45	# = 21101 /25, 12:09	Start 11:43 12:13	12:16	# 2	Start Pe 14:45 14 14:45:05 14 14:39 Frequency(# 2	ິ ຕ	18:56 18:57:5 18:58 18:54
BCS FCS UVSP	Event 85/04/	GOES HXRBS BCS FCS UVSP	Event 85/04/	GOES HXRBS UVSP	Event 85/04/	GOES BCS FCS UVSP	Event 85/04/	GOES	FCS	Event 85/04,	GOES HXRBS UVSP Radio	Event 85/04/		GOES HXRBS BCS FCS UVSP

Event # = 21102									
e e e	D0Y=115 Peak		SMM Pointing:	N05E06		Pitch=-163", Yaw=+105", Roll=Odeg	w=+105", Rol	1=0deg	H.Ang=12deg
24 08 8	20:00 20:08 20:08	20:18 20:08	Importance=B7 CaPeak.c/s=19 Peak3 c/s=75	Qual=05 Qual= 1	FePeak=20:08	FePeak.c/s=6			XEN=511508
:02			Wavelength=1371A	4 Code=02	Exp #=30680	Rast=0"XU" Rast=280"X280"	Step=0" Step=10"	Cad=3840s Pitch=-157",	3840s/pixel ",Yaw≕+97"
7735 0:30 rrt	1	Fnd + imac	SMM Pointing:	N05E05		Pitch=-164", Yaw=+91", Rol]=0deg	v=+91", Roll:	=0deg	H. Ana=11dea
20:26 20:26:38 20:09	20:30	20:32 20:27:	Importance=B6 Peakc/s=69 Wavelength=1371A	Qual=01 Qual=01 A Code=00	Tot Cts=346 Exp #=30681	MaxkeV=50 Rast=30"x30"	Step=0"	Pitch=-192",Yaw≃+62"	, Yaw=+62"
7736 0:53 rt	DOY=115 Peak	Fnd times	SMM Pointing:	N05E05		Pitch=-164", Yaw=+91", Roll=0deg	v=+91", Roll=	=0deg	H.Ang=11deg
20:33 20:34:19 20:40 20:09	20:53 20:34:51 20:47 20:46	21:34 20:35 20:47	Importance=C2 Peakc/s=67 CaPeak.c/s=68 Peak3c/s=87 Wavelength=1371A	Qual=02 Qual=01 Qual= 2	Tot Cts=221 FePeak=20:47 Exp #=30681	MaxkeV=50 FePeak.c/s=13 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Sten=0"	dt= 3.8s Cad= 768s Pi+ch=_192"	dt= 3.8s XEN=511509 Cad= 768s 768.0s/pixel
21103 2:48 rt	D0Y=115 Peak	End times	SMM Pointing:	N05E04		Pitch=-163", Yaw=+66", Roll=Odeg	=+66", Roll=	-Odeg	H.Ang=11deg
22:31 23:14 23:17 Frequen	22:48 23:15 cy(MHz)/F	<u>;</u>	Importance=C3 CaPeak.c/s=46 Wavelength=1371A 245/19	Qual=05 Qual= 4	FePeak=23:14 Exp #=30684	FePeak.c/s=8 Rast=280"x280"	#Peaks=1 Step=10"	XEN=511510 Pitch=-157", Yaw=+68"	XEN=511510 ,Yaw=+68"
1001				85/04/26	6 D0Y=116				
/# = /621 1/26,02:31 Start	DOY=116 Peak	End times	SMM Pointing:	N05E02		Pitch=-163", Yaw=+32",	=+32", Roll=0deg	.0deg	H.Ang=10deg
Ω	02:31	:34	HaClass=SF Importance=R9	NO4E02	AR4647	Mac.=EKI	Carr.Lon.=232deg	232deg	H.Ang=9deg
02:31:22 02:31	02:31:47 02:31 02:31	02:32:04 02:32	Peakc/s=128 CaPeak.c/s=42 Peak3c/s=35	Qual=01 Qual= 1	Tot Cts=728 FePeak=02:31	MaxkeV=50 FePeak.c/s=14	Flags=I #Peaks=1		XEN=511600
24 equenc		/Flux(sfu):	Wavelength=1371A 245/69	Code=01	Exp #=30688	Rast=280"x280"	Step=10"	Pitch=-157",Yaw=+38"	, Yaw=+38"
f = 21104 26,05:29 Start	DOY=116 Peak	End times	SMM Pointing:	N05E01		Pitch=-163", Yaw	, Yaw=+9", Roll=Odeg		H.Ang=10deg
29	05:29 05:40	05:30	CaPeak.c/s=42 Peak3c/s=106 Wavelength=1371A	Qua]=06 Qua]= 5	FePeak=05:30 Exp #=30697	FePeak.c/s=8 Rast=280"x280"	#Peaks=1 Step=10") Pitch=-157"	XEN=511601 Yaw=+9"

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Tart Peak End times HaClass=SN HO4400 A04647 Mac.=EKI Distance Peak End times HaClass=SN HO4400 A04647 Mac.=EKI Distance Di	Event # = 21105 85/04/26,05:40	DOY=116	1	SMM Pointing:	N05E01		Pitch=-163", Yaw=+9", Roll=Odeg	/=+9", Roll=0deg	H.Ang=10deg
05:40 05:41 Peaks.c/s=100 Qual= 1 Fepeak=05:40 Fepeak.c/s=16 05:40	Start		nd times		N04W00	AR4647	Mac.=EKI	Carr.Lon.=232deg	H.Ang=9deg
DOY=116	5:4 5:4	C IC I	5:41 5:41		(ua =01 (ua = 1	FePeak=05:40	FePeak.c/s=16	#Peaks=1	XEN=511602
DOY=116	5:3			Peak3c/s≖lUb Wavelength=1371A	Code=00	Exp #=30698	Rast=30"x30"		Pitch=-142",Yaw=+14"
### 14:22:25 14:22:43 Peakc/s=107 Qual=01 Tot Cts=377 MaxkeV=50 #### Pointing: Mo5W21 DOV=117 #### Pointing: NO5W21 DOV=117 ##### Peak					N05W04		Pitch=-164", Yaw	/=-71", Roll=0deg	H.Ang=11deg
DOY=117 Bay Doy=117 Bay Doy=117 Bay Doy=117 Bay Doy=117 Bay Doy=117 Bay Doy=117 Bay Doy=117 Bay Doy=117 Bay Doy=117 Bay Doy=118 Bay Doy=118 Bay Doy=118 Bay Doy=118 Bay Doy=119 Bay Doy=110 Bay Doy=119 Bay Doy=119 Bay Doy=119 Bay Doy=119 Bay Doy=1	t:22:1	14:22:2	14:22:	c/s=107	Qual=06 Qual=01	Tot Cts=377	MaxkeV=50		
DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=117 DOY=118 DOY=119 DOY=118 DOY=119 DOY=110 DOY	100				85/04/2				
20:54 23:26 CaPeak.c/s=56 Qual= 4 FePeak=20:54 FePeak.c/s=42 DOY=117 End times SWM Pointing: NO5W23 Pitch=-153", Yaw= DOY=118 End times SWM Pointing: NO5W3 Pitch=-141", Yaw= DOY=118 End times SWM Pointing: NO5W3 AR4647 Mac.=EKI DOY=118 End times SWM Pointing: NO5W3 AR4647 Mac.=EKI DOY=118 End times SWM Pointing: NO5W46 Peak C/s=65 22:14 22:25 Importance=C2 Qual=01 FePeak=22:13 FePeak C/s=65 22:14 22:25 Qual=01 Tot Cts=16747 MaxkeV=91 CaPeak.c/s=82 Qual=01 Tot Cts=16747 Mac.=EKI DOY=119 SWM Pointing: NO5W46 Peak=22:13 FePeak.c/s=65 DOY=119 SWM Pointing: NO5W46 Qual=01 FePeak=15:22 FePeak.c/s=134", Yaw= BOY=119 SWM Pointing: NO5W47 RA647 Mac.=EKI 15:23 15:28 Importance=B6 Qual=01 FePeak=15:22 FePeak.c/s=11 FePeak C/s=11 FePeak C/s=11 FePeak C/s=12 FePeak.c/s=29 Qual=01 FePeak=17:13 FePeak.c/s=12 FePeak.c/s=11 FePeak C/s=11 FePeak C/s=12 FePeak.c/s=22 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 FePeak.c/s=12 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 FePeak.c/s=12 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 Importance=B6 Qual=01 FePeak=17:13 FePeak.c/s=12 Importance=B6 Qual=01 Impor	= 2110t 7,20:54 Stant	DOY=11	,, +	Pointing:	N05W21		Pitch=-153",Yaw	/=-345", Roll=0deg	H.Ang=23deg
20:54 23:26 CaPeak.c/s=365 Qual= 4 FePeak=20:54 FePeak.c/s=42 20:54 Peak3c/s=64 Qual= 4 FePeak=20:54 FePeak.c/s=42 DOY=117 Beak Dointing: NO5W23 Pitch=-153", Yaw= 85/04/28 DOY=118	סרמו ר	r a a	ב ב	aClass=1B	NO6E03	AR4647	Mac.=EKI	Carr.Lon.=208deg	H.Ang≕lldeg
DOY=117 DOY=117 DOY=117 DOY=117 SMM Pointing: NO5W23 Pitch=-153", Yaw= 22:256 23:25:09 23:25:09 23:25:09 23:25:09 23:25:10 DOY=118 DOY=118 DOY=118 DOY=118 BAR4647 BAC:=EKI DOY=119 DOY=119 DOY=119 DOY=119 SMM Pointing: NO5W37 DOY=119 SMM Pointing: NO5W47 DOY=119 SMM Pointing: NO5W46 DOY=119 BAC: Class=SN NO5W46 DOY=119 BAC: Class=SN NO6W47 DOY=119 BAC: Class=SN NO6W47 BAC: EKI BAC: Class=SN NO6W47 BAC: Class=SN BA	20:51	rU r.	3:2		Qual=00 Qual= 4	FePeak=20:54	FePeak.c/s=42	#Peaks=1 dt= 3.8s	XEN=511701
DOY=117 DOY=117 DOY=117 Peak 23:26 23:25:09 23:25:16 Peakc/s=89 DOY=118 DOY=118 DOY=118 DOY=118 B5/04/28 DOY=118 B5/04/29 DOY=119 B5/04/29 B5/04/29 B5/04/29 B1:23 B5/04/29 B1:23 B5/04/29 B1:23 B5/04/29 B1:23 B5/04/29 B1:23 B0Y=119 B1:23 B1:23 B1:23 B1:23 B1:23 B1:23 B2:17 B2:17 B2:17 B2:17 B2:17 B2:17 B2:17 B2:17 B3:17		•		to-s />:-cays				Pitch=-425"	", Yaw=-670"
Peak End times	= 7743 7,23:26		1 1	Pointing:	N05W23		Pitch=-153", Yaw	=-365", Roll=0deg	H.Ang=24deg
### ### ### ### ### ### ### ### ### ##	23:22 23:22 23:24:49	Peak 23:26 23:25	23:32 23:25:16		Qua]=01 Qua]=01		MaxkeV=50		
3,22:14					85/04/2				
22:11 22:14 22:25	= 7883 8,22:14 Start	Ξ	+ime	Pointing:	N05W37		Pitch=-141",Yaw	, Yaw=-570", Roll=0deg	H.Ang=38deg
22:12 52:12:34 22:13:37 PeakC/s=862 Qual=01 Tot Cts=16747 MaxkeV=91 CaPeak.C/s=289 Qual= 1 FePeak=22:13 FePeak.C/s=65 Rast=0"x0"		{ .) 		N03W38	AR4647	Mac.=EKI	Carr.Lon.=235deg	H.Ang=39deg
DOY=119 DOY=119 DOY=119 SMM Pointing: NO5W46 Peak 15:23 15:28 Importance=86 Qual=04 15:22 15:23 15:23 CaPeak.c/s=29 Qual= 1 FePeak=15:22 Peak 15:22 Peak 15:22 MO5W47 NO5W47 NO5W47 NO5W47 NO5W47 Peak 17:14 17:22 Importance=87 Qual=01 17:14 17:22 Importance=87 Qual=01 17:14 17:22 Importance=87 Qual=01 17:15 Peak 17:16 CaPeak.c/s=32 Qual= 1 FePeak=17:13 FePeak.c/s=12 17:15 Peak 17:16 Peak 17:16 Peak 17:17 Peak 17:18 Peak 17	22:12:1 22:12:1	22:12: 22:13: 22:14	22:13:37 22:13:37 22:17		Qual=01 Qual=01 Qual= 1	Tot Cts=16747 FePeak=22:13	MaxkeV=91 FePeak.c/s=65 Rast=0"x0"	Flags=M,I #Peaks=1 Step=0" Cad=26.9s	XEN=511801 26.88s/pixel
DOY=119 SMM Pointing: N05W46 Pitch=-134", Yaw= 15:23 HaClass=SN Importance=B6 Qual=04 Qual=04 Qual=1 FePeak=15:22 FePeak.c/s=11 15:23 CaPeak.c/s=29 Qual= 1 FePeak=15:22 FePeak.c/s=11 DOY=119 Peak SMM Pointing: N05W47 Pitch=-133", Yaw=17:14 17:14 17:22 Importance=B7 Qual= 1 Qual=01 FePeak=17:13 FePeak.c/s=12 17:15 Peaks.c/s=32 Qual= 1 Qual= 1 FePeak=17:13 FePeak.c/s=12 17:15 Peaks.c/s=32 Qual= 1 Rast=0"x0"					85/04/2				
15:23 15:28 Importance=86 Qual=04 AR4647 Mac.=EKI 15:23 15:23 CaPeak.c/s=29 Qual=1 FePeak=15:22 FePeak.c/s=11 15:22 Peak3.c/s=30 Qual=1 FePeak=15:22 FePeak.c/s=11 Peak 15:22 Rast=0"x0" N05w47 Peak End times Importance=B7 Qual=01 FePeak=17:13 FePeak.c/s=12 Importance=B7 Qual= 1 FePeak=17:13 FePeak-17:13 Importance=B7 Qual=B7 Qu	= 2110/ 9,15:23 2+3mt	DOY=11	 +	Pointing:	N05W46		Pitch=-134",Yaw	=-680", Roll=0deg	H.Ang=47deg
15:23 15:23 CaPeak.c/s=29 Qual= 1 FePeak=15:22 FePeak.c/s=15:22 Past=0"x0" D0Y=119 SMM Pointing: NO5W47 Peak End times 17:12 Importance=B7 Qual=01 FePeak=17:13 FePeak.c/s=32 Qual= 1 FePeak=17:13 FePeak.c/s=17:15 Peak3c/s=84 Rast=0"x0"	3tal t 15.10	ו בנ 15.	20 00	Class=SN	NO6W47	AR4647	Mac.=EKI	Carr.Lon.=234deg	H.Ang=48deg
DOY=119 SMM Pointing: NO5W47 Pitch=-133" Peak End times 17:12 Importance=B7 Qual=01 FePeak=17:13 FePeak.c/s= 17:15 Peak3c/s=84 Rast=0"x0"	15:22	15:	5:23	c.c/s=29	Qual= 1	FePeak=15:22	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 Step=0" Cad=3840s	XEN=511900 3840s/pixel
17:14 17:22 Importance=B7 Qual=01 17:13 17:16 CaPeak.c/s=32 Qual= 1 FePeak=17:13 FePeak.c/s=12 17:15 Peak3c/s=84	= 21108 9,17:14 start	DOY=11	9	Pointing:	N05W47		Pitch=-133", Yaw	, Yaw=-700", Roll=0deg	H.Ang=48deg
	17:10 17:13	17:1 17:1 17:1			Qual=01 Qual= 1	FePeak=17:13	FePeak.c/s=12 Rast=0"x0"	#Peaks=1 Step=0" Cad= 768s	XEN=511901 768.0s/pixe1

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		85/04/30	D0Y=120			
	SMM Pointing:	N05W53		Pitch=-127",Yaw	Pitch=-127", Yaw=-757", Roll=0deg	H.Ang≕54deg
Start Peak En	HaClass=SN	NO3W55	AR4647	Mac.=DKI	Carr.Lon.=235deg	H.Ang=55deg
GOES 04:11 04:15 04:26 HXRBS 04:12:14 04:12:58 04:13:36 BCS 04:13 04:14 04:16 FCS 04:13 04:13 Radio Frequency(MHZ)/Flux(sfu):	Importance=86 Peakc/s=64 CaPeak.c/s=33 Peak3c/s=130 8800/14	Qual=01 Qual=01 Qual= 1 Fe	FePeak=04:14	MaxkeV=50 FePeak.c/s=15 Rast=300"x300"	Flags=I #Peaks=2 Step=10" Cad= 922s	XEN=512000 s 1.024s/pixel
=120	SMM Pointing:	NO5W64		Pitch=-115",Yaw=-851"	=-851", Roll=Odeg	H.Ang=64deg
Start Peak End	HaClass=SB	NO5W64	AR4647	Mac.=DKI	Carr.Lon.=234deg	H.Ang=65deg
GOES 23:42 23:44 23:55 HXRBS 23:43:44 23:44:09 23:44:53 BCS 23:44 23:48 FCS 23:46 23:48 Radio Frequency(MHZ)/Flux(sfu):	Importance=C2 Peakc/s=1224 CaPeak.c/s=123 Peak3c/s=990 8800/11 15400/46	Qual=03 Qual=01 Qual= 1	Tot Cts=18322 FePeak=23:44	MaxkeV=179 FePeak.c/s=43 Rast=0"x0"	Flags=M #Peaks=1 Step=0" Cad=26.9s	XEN=512002 s 26.88s/pixel
		85/05/01	D0Y=121			
16 13 DOY=121	SMM Pointing:	N05W69		Pitch=-108",Yaw	,Yaw=-886",Roll=Odeg	H.Ang=69deg
SCATT PEAK EIIU UINES 60ES 08:45 08:53 09:10 HXRBS 08:47:08 08:47:40 08:48:46 BCS 08:47 08:50 08:54 FCS 08:51	Importance=B4 Peakc/s=67 CaPeak.c/s=23 Peak3c/s=59	Qual=01 Qual=01 To Qual= 1 Fe	Tot Cts=500 FePeak=08:50	MaxkeV=50 FePeak.c/s=11 Rast=240"x240"	#Peaks=1 Step=10" Cad= 590s	XEN=512100 s 1.024s/pixel
3 D0Y=121	SMM Pointing:	N05W69		Pitch=-108", Yaw	, Yaw=-886", Roll=0deg	H.Ang=69deg
Start Peak End times GOES 09:10 09:13 09:30 HXRBS 09:12:42 09:12:48 09:13:27	Importance=B4 Peakc/s=87	Qual=01 Qual=01 Tot	ot Cts=1010	MaxkeV=70		
	SMM Pointing:	N03W72		Pitch=-68", Yaw=	, Yaw=-906", Roll=0deg	H.Ang=72deg
Start Peak End	HaClass=SB		AR4647	Mac.=DAO	Carr.Lon.=234deg	H.Ang≈73deg
GOES 14:25 14:34 14:42 BCS 14:32 14:33 14:47 FCS 14:39 14:39 Radio Frequency(MHz)/Flux(sfu):	<pre>importance=us CaPeak.c/s=188 Peak3c/s=841 1415/11 2695/35</pre>	Qual=04 Qual= 4 4995/24	FePeak=14:32 8800/65 15400/33	FePeak.c/s=44 Rast=240"x240"	#Peaks=1 Step=10" Cad= 590s	XEN=512104 s 1.024s/pixel
	SMM Pointing:	N03W74		Pitch=-68", Yaw=	, Yaw=-917", Roll=Odeg	H.Ang=75deg
Start Peak End	HaClass=SN	NO5W70	AR4647	Mac.=DAO	Carr.Lon.=229deg	H.Ang=71deg
GUES 19:17 19:15 19:15 19:15 HXRBS 19:17:35 19:18:19 19:18 19:20 FCS 19:18 19:20	Peakc/s=115 CaPeak.c/s=22 Peak3c/s=26		Tot Cts=1341 FePeak=19:18	MaxkeV=50 FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0" Cad=3840s	XEN=512113 s 3840s/pixel

Pitch=-62", Yaw=-938", Roll= Repeak=05:10 FePeak.c/s=16 #Peaks=1 Rast=0"XO" Step=0" Pitch=-62", Yaw=-938", Roll= Ray647 Mac.=DAO Carr.Lon.=; Tot Cts=6110 MaxkeV=91 Flags=1,SN Ray647 Mac.=DAO Carr.Lon.=; FePeak=08:20 FePeak.c/s=104 #Peaks=1 Rast=240"x240" Step=10" (Event # = 21112						85/05/02)2 D0Y=122				
05:11 05:33 Handrians NO4490 AR4647 Mac.=DAO Carr.Lon.= 05:12 CaPeak.c/s=25 Qual= 1 FePeak=05:10 FePeak.c/s=16 #Peaks=1 05:12 CaPeak.c/s=25 Qual= 1 FePeak=05:10 FePeak.c/s=16 #Peaks=1 00:12 Peak Handrians NO3480 AR4647 Hac.=DAO Carr.Lon.= 07:45 DV=122 Peak Handrians NO3480 AR4647 Hac.=DAO Carr.Lon.= 07:45 DV=122 Peak Handrians NO3480 AR4647 Hac.=DAO Carr.Lon.= 07:45 DV=122 Peak Handrians NO3480 AR4647 Hac.=DAO Carr.Lon.= 08:00 CaPeak.c/s=22 Qual=05 Tot Cts=6110 Maxkev=91 Flags=1,SM 08:01 CaPeak.c/s=22 Qual=05 Tot Cts=6110 Maxkev=91 Flags=1,SM 08:01 CaPeak.c/s=282 Qual=05 Tot Cts=6110 Maxkev=91 Flags=1,SM 08:02 CaPeak.c/s=62 Qual=05 Tot Cts=6110 Maxkev=91 Flags=1,SM 08:03 OB:03 CaPeak.c/s=62 Qual=05 Tot Cts=6110 Maxkev=91 Flags=1,SM 08:04 CaPeak.c/s=62 Qual=05 Tot Cts=6110 Maxkev=91 Flags=1,SM 08:05 CaPeak.c/s=62 Qual=05 Tot Cts=6110 Maxkev=01 Flags=1,SM 08:06 CaPeak.c/s=62 Qual=05 Tot Cts=6110 Maxkev=038",Roll=08:41 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 09:26 CaPeak.c/s=62 Qual=05 Tot Cts=610 Maxkev=0 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 09:26 CaPeak.c/s=62 Qual=05 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 09:26 CaPeak.c/s=62 Qual=05 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 09:26 CaPeak.c/s=62 Qual=05 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 09:26 CaPeak.c/s=62 Qual=05 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 09:26 CaPeak.c/s=62 Qual=00 Att FePeak.c/s=11 FPeaks=1 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 00:17 Peak Carr.Con.=00 Qual=00 Att FePeak.c/s=11 FPeaks=1 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 00:10 CaPeak.c/s=62 Qual=00 Att Cts=610 Maxkev=60 Tot Carr.Lon.= 00:11 CaPeak.c/s=62 Qual=00 Att Cts=610 Maxkev=60 Tot Carr.Lon.= 00:11 CaPeak.c/s=62 Qual=00 Att Cts=610 Maxkev=60 Tot Carr.Lon.= 00:11 CaPeak.c/s=62 Qual=00 Att Cts=610 Maxkev=60 Tot Carr.Lon.= 00:10 CaPeak.c/s=62 Qual=00 Tot Cts=610 Maxkev=60 Tot Carr.Lon.= 00:10 CaPeak.c/s=62 Qual=00 Carr.Lon.= 00:10 CaPeak.c/s=62 Qual=00 Carr.Lon.= 00:10 CaPeak.c/s=62 Qual=00 Carr.Lon.= 00:10 CaPeak.c/s=62 Qual=00 Carr.Lon.= 00:10 CaPeak.c/s=62 Qual=00 Carr.Lon.= 00:10 CaPeak.c/s	ent # = 5/05/02,0 Sta		Y=122 3k	End times		N03W80	1	Pitch=-62", Yaw=	938", Roll=0c	deg	H.Ang=80deg
DOY=122 SMM Pointing: NO3M80 Pitch=-62", Yaw=-938", Roll Peak 07:53:35 07:55:27 PeakC/13s=18 Pod490 AR4647 Ac.=DAO Carr.Lon. 07:53:35 07:55:27 Peak	tical ES 05: S 05: S		111		HaClass=SN Importance=B5 CaPeak.c/s=22 Peak3c/s=175	NO4W90 Qual=01 Qual= 1	AR4647 FePeak=05:10	Mac.=DAO FePeak.c/s=16 Rast=0"x0"	H	243deg Cad=16.4s	H.Ang=90deg XEN=512200 16.38s/pixel
07:45 07:55 17 07:55 17 07:55 17 07:51 07:55:27 04:41=05 04:41=05 07:55:27 07:55:27 04:41=05 04:41=05 07:55:27 07:55:27 04:41=05 04:41=05 07:55:27 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:55:27 04:41=05 07:45=27 07:45=27	ent # = /05/02,0	ı	(=122	Fnd times	Pointing	N03W80		Pitch=-62", Yaw=	938", Roll=0c	deg	H.Ang=80deg
DOY=122 Beak Bea	tical ES 07: RBS 07: dio Swee	41 07: 50:49 07: ps T equency (M	.45 .53:35 .ype/Ir .Hz)/Fi	07:53 07:55:27 1tensity: lux(sfu):	HaClass=1B Importance=M5 Peakc/s=292 II/1 III/1 1415/160 2695/48	NO4W90 Qual=05 Qual=02	AR4647 Tot Cts=6110 0 8800/680 15400	Mac.=DAO MaxkeV=91 /700	Carr.Lon.=242deg Flags=I,SN,SA	42deg SA	H.Ang=90deg
08:03 09:43	ent # = //05/02,00		122		1	NO3W80		Pitch=-62",Yaw=	-938", Roll=0d	ded	H.Ana=80dea
08:20 08:50 caheak.c/s=682 Qual= 5 FePeak=08:20 FePeak.c/s=104 #Peaks=1 Rast=240"x240" Step=10" Type/Intensity: 1V/1 Type/Intensit	314 Eical ES 07:4	7.4 Pea	¥ 6		HaClass=1B	N04W90	AR4647	Mac.=DAO	Carr.Lon.=242deg	ž t2deg	H.Ang=90deg
09:26 10:26 CaPeak.c/s=57 Qual= 4 FePeak=09:26 FePeak.c/s=11 #Peaks=1 10:17 Peak3c/s=245 Qual= 4 FePeak=09:26 FePeak.c/s=11 #Peaks=1 10:17 Peak End times D0Y=122 Peak End times D0Y=122 SMM Pointing: NO3W80 Pitch=-62", Yaw=-938", Roll= Peak End times D0Y=122 SMM Pointing: NO3W80 Pitch=-62", Yaw=-938", Roll= Peak End times D0Y=122 SMM Pointing: NO6E01 Peak=11:00 FePeak.c/s=9 #Peaks=1 85/05/06 D0Y=126 B0Y=126 SMM Pointing: NO6E01 Pitch=-159", Yaw=+21", Roll= Peak Inportance=B2 Qual=01 Tot Cts=570 Maxkev=50	08: 10 Sweer		20 41 vne/In		Importance-no CaPeak.c/s=682 Peak3c/s=3404 1v/1		FePeak=08:20	FePeak.c/s=104 Rast=240"x240"		Cad= 590s	XEN=512201 1.024s/pixel
DOY=122 Peak End times DOY=122 DOY=122 DOY=122 DOY=122 End times DOY=125 DOY=125 End times DOY=126 DOY=126 DOY=126 DOY=126 DOY=126 DOY=126 DOY=126 Big loop at 08:46 Pitch=-62", Yaw=-938", Roll= Qual=00 Qual=00 Qual=00 Qual=00 Pitch=-62", Yaw=-938", Roll= Rast=0"x0" Step=0" S5/05/06 DOY=126 Bast=0"x0" Step=0" S5/05/06 DOY=126 Peak End times Big loop at 08:46 Pitch=-62", Yaw=-938", Roll= Rast=0"x0" Step=0" Step=0" Step=0" Step=0" Step=0" Step=0" Step=0" Step=0" Oual=03 DOY=126 Peak Paskev=50 Maxkev=50	;:60	25 09:	26 17		A CaPeak.c/s=57 Peak3c/s=245	ssociated Qual= 4			 #Peaks=1 Step=0"	dt= 4.4s Cad= 768s	XEN=512204 768.0s/pixel
DOY=122 DOY=122 End times 11:00 11:55 CaPeak.c/s=19 Oual=00 11:00 11:55 CaPeak.c/s=26 B5/05/06 DOY=126 B5/05/06 DOY=126 B5/05/06 DOY=126 B1:00 B3:04 B3:04 B3:04 B3:04 B3:04 B3:04 B3:04 B3:06 B3:05 B3:	int # = 7 (05/02,08 Star S 08:0	20523 3:04 DOY rt Pea 34 Extrap	=122 k St=05	1		Qual=00	+				
11:00 11:55 CaPeak.c/s=19 Qual=00 Rest=11:00 FePeak.c/s=9 #Peaks=1	nt # = 2 05/02,11	1113 :00 00Y:	=122	1	ointing	NO3W80	;	Pitch=-62",Yaw=.	-938", Roll=0d	<u> </u>	H. Ang=80deg
D0Y=126 SMM Pointing: N06E01 Peak End times 18:04 Importance=B2 Qual=03 10:03 Peakc/s=105 Qual=01 Tot Cts=670	S 11:0		. 88		CaPeak.c/s=19 Peak3c/s=26	Qual=00 Qual= 5	FePeak=11:00	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0" Ca	Cad=3840s	XEN=512202 3840s/pixel
DOY=126 SMM Pointing: NO6E01 Peak End times 18:01 18:04 Importance=B2 Qual=03 18:00:44 18:01:03 Peakc/s=105 Qual=01 Tot Cts=670	# +0	75.4				85/02/0					
18:01 18:04 Importance=B2 Qual=03 18:00:44 18:01:03 Peakc/s=105 Qual=01 Tot Cts=670	nt # = / 05/06,18 Star		9		۵.	N06E01		Pitch=-159", Yaw	=+21", Roll=0d	6d	H.Ang=10deg
	S 17:5		44	18:04 18:01:03	tance=B2 c/s=105	Qual=03 Qual=01	Tot Cts=670	MaxkeV=50			

3 DOY=12/			707010		0:+ch=+107" Yaw	0:+ch=+107" Yaw=+020" Roll=Oden	H. Ann=86dea
eak	End times	SMM Pointing: HaClass=SN	S12E86 S11E85	AR4652	Mac.=DKO	Carr.Lon.=1deg	H.Ang≈84deg
07:53 07:51:22 07:52	08:02 07:51:57 07:55	Importance=B5 Peakc/s=102 CaPeak.c/s=26	Qual=01 Qual=01 Qual= 1	Tot Cts=921 FePeak=07:51	MaxkeV=50 FePeak.c/s=12	#Peaks=1	XEN=512700
D0Y=127		SMM Pointing:	\$12E86	The same of the sa	pitch=+197",Yaw	Pitch=+197", Yaw=+929",Roll=Odeg	H.Ang≕86deg
Peak	i times	HaClass=SN	\$11£85	AR4652	Mac.=DKO	Carr.Lon.=1deg	H.Ang=84deg
08:07 08:08	08:12 08:12	Importance=C2 CaPeak.c/s=93	Qual=01 Qual= 1	FePeak=08:08	FePeak.c/s=21	#Peaks=1	XEN=512701
D0Y=127		SMM Pointing:	S12E87		Pitch=+197",Yaw	Pitch=+197", Yaw=+930", Roll=Odeg	H.Ang≔86deg
Peak 08:14 08:14:51 08:15	End times 08:40 08:15:45 08:16	Importance=B7 Peakc/s=64 CaPeak.c/s=23	Qual=01 Qual=01 Qual= 1	Tot Cts=439 FePeak=08:15	MaxkeV=50 FePeak.c/s=9	#Peaks=1	XEN=512703
D0Y=127 Peak	End times						
20:04 20:03 20:12		Importance=C1 CaPeak.c/s=67 Peak3c/s=334	Qua]=04 Qua]= 5	FePeak=20:03	FePeak.c/s=12 Rast=0"x0"	#Peaks=1 dt= 3.8s Step=0" Cad=1.02s	XEN=512704 1.024s/pixel
DOY=127	+ TO CL	SMM Pointing:	S14E87		Pitch=+230",Yav	Pitch=+230",Yaw=+922",Roll=Odeg	H.Ang=86deg
21:40 21:38:55	21:44 5 21:39:05	Importance=B3 Peakc/s=71	Qual=01 Qual=01	Tot Cts=269	MaxkeV≈50		
			85/05/08	8 D0Y=128			
D0Y=128		SMM Pointing:	S14E87		Pitch=+230", Ya	, Yaw=+922", Roll=Odeg	H.Ang≖86deg
Peak	times			AR4652	Mac.=DAI	Carr.Lon.=3deg	H.Ang=72deg
02:46 02:44:51	02:55 1 02:45:50	Importance=80 Peakc/s=159	Qual=01 Qual=01	Tot Cts=1637	MaxkeV=70		
D0Y=128 Peak	End times		0.1a1=01				
10:47:04		Peakc/s=85	Qual=01	Tot Cts=434	MaxkeV=50	Flags=I Pitch=+23(Pitch=+230",Yaw=+924"

\$5/05/0919:44					85/05/09	19 DAY=120			
Peak 19-129	ent #				100/00 -				
19:44 19:52 Han.: Class=SB S12550 AR4652 Hac.=DKI Carr_Lon_adeg Han. Class=SB Gual=OI Tot Cts=1350 Maxkev=70 Flags=I AR4652 Hac.=DKI Carr_Lon_adeg Carr_Lon_ad	8 20 20	DOY=129 Peak	End time	SMM Pointing	S14E51		Pitch=+197",Y≀	w=+718", Roll=0deg	H.Ang=51deg
19:42:54 19:43:0 Peākc/s=113 Qual=01 Tot Cts=1350 MaxkeV=70 Flags=1 19:42:54 19:43:0 Peākc/s=13 Qual=01 Peak=06:03 Pitch=+188", Yaw=+533", Roll-odeg 19:08	[a] [19:44	19:52		S12E50	AR4652	Mac.=DKI	Carr.Lon.=3deg	H.Ang=50deg
DOY=131 Pitch=188", Yaw=533", Roll-Odeg	19:42:	19:42:5	19:43	Peakc/s=113	Qual=01	Tot Cts=1350	MaxkeV=70	Flags=I	
DOY=131 DOY=132 CaPeak.c/s=59 Dual=01 CaPeak=06:03 FePeak.c/s=19 FePeaks=1 DoY=132 Doy=132 CaPeak.c/s=59 Dual=01 CaPeak=06:03 Gi:15 CaPeak.c/s=59 Qual=01 CaPeak=06:03 CaPeak.c/s=70 Qual=01 CaPeak=06:03 CaPeak.c/s=70 CaPeak.c/s=70 Qual=01 CaPeak.c/s=10 FePeaks=1 Carr.Lon.e2deg Peaks Peaks Peaks Peaks CaPeak.c/s=10 Pitch=+168", Vaw=+269", Roll=0deg Peaks Peaks CaPeak.c/s=10 Peaks=1 Carr.Lon.e2deg Peaks CaPeak.c/s=10 CaPeaks=1 CaPeaks=1 Carr.Lon.e2deg CaPeaks=1	vent # = 0111				85/05/1				
06:03 06:15 1 1 1 1 1 1 1 1 1	5/05/11,06:04 Start	DOY=1 Peak	+ amir +	SMS	S14E35		Pitch=+188",Ya	IW=+533", Roll=0deg	H.Ang=36deg
SYM Pointing: S13E17	0ES 05:48 CS 06:03		15.2 15.3 15.3		Qual=01 Qual= 1	FePeak=06:03	FePeak.c/s=19	#Peaks=1	XEN=513100
Back End times	124 - 4 +001				85/05/1				
18:30 19:08 HaClass=SB S13E12 AR4652 Mac.=DKI Carr.Lon.=2deg 18:24:39 18:25:19 Peak(s=70 Qual=01 Tot Cts=945 MaxkeV=50 ArkeV=50	5/05/12,18:30 Start	D0Y=132 Peak	t i ne		S13E17		Pitch=+168",Ya	Iw=+269", Roll=0deg	H.Ang=19deg
18:24:39 18:25:19 Peak:C/s=70 Qual=1 FePeak=18:26 FePeak.c/s=10 FePeaks=1 dt=7.75 18:24:39 18:25:19 Peak:C/s=40 Qual=1 FePeak=18:26 FePeak.c/s=10 FePeaks=1 dt=7.75 18:26 18:40 CaPeak.c/s=40 Qual=1 FePeak=18:26 FePeak.c/s=10 FePeaks=1 dt=7.75 18:26 18:40 CaPeak.c/s=40 Qual=1 FePeak=18:26 FePeak.c/s=10 FePeaks=1 dt=7.75 18:26 18:40 CaPeak.c/s=70 Qual=1 Tot Cts=992 MaxkeV=50 18:20 Gard times	18:1	18:30)	HaClass=SB		AR4652	Mac.=DKI	Carr.Lon.=2deg	H.Ang=16deg
DOY=133 Peak (DS-13) SMM Pointing: S13E11 Pitch=+168", Yaw=+177", Roll=Odeg Peak (DS-18) End times (DS-18) Qual=01 (Qual=01) Maxkev=50 DOY=133 End times (DS-18) SMM Pointing: S13E09 Pitch=+168", Yaw=+149", Roll=Odeg Pitch=+168", Yaw=+149", Roll=Odeg DOY=133 End times (DS-27) (DS-28) SMM Pointing: S13E08 AR4652 (Dual=05) Protch=+136", Yaw=-149", Roll=Odeg DOY=133 End times (DS-27) (DS-28) SMM Pointing: S13E08 Pitch=+136", Yaw=-168", Roll=Odeg Protch=+136", Yaw=-168", Roll=Odeg DOY=133 End times (DS-27) (DS-28) SMM Pointing: S13E08 Pitch=+136", Yaw=-168", Roll=Odeg Protch=+136", Yaw=-168", Roll=Odeg DOY=133 End times (DS-211) Mach (DS-211) Protch=+136", Yaw=-168", Roll=Odeg Protch=+136", Yaw=-168", Roll=Odeg DOY=133 End times (DS-211) Mach (DS-211) Protch=+136", Yaw=-168", Roll=Odeg Protch=+136", Yaw=-168", Roll=Odeg DOY=134 End times (DS-211) HaClass=SB (DS-211) S14WOI (DS-211) AR4652 (DS-212) Protch=+170", Yaw=+67", Roll=Odeg Protch=+170", Yaw=+67", Roll=Odeg DOY=134 (DS-2126) (DS-2126	18:2 18:2 Fre	18:24:35 18:26 cy (MHz) /F	18:25:19 18:40 lux(sfu):	Peakc/s=70 CaPeak.c/s=40 245/90 410/140	Qual=01 Qual= 1 Qual= 1 606/25 141	Tot Cts=945 FePeak=18:26 5/13	MaxkeV=50 FePeak.c/s=10	dt=	XEN=513200
DOY=133 Peak SYMM Pointing: S13E11 Pritch=+168", Yaw=+177", Roll=Odeg Do5:18 05:18 00 Doy=133 D6:19:01 Peakc/s=71 Qual=01					85/05/1				
DOY=138 Grad Limes Qual=01 Tot Cts=992 Maxkev=50 DOY=133 Signortance=89 Qual=01 Tot Cts=992 Maxkev=50 DOY=133 SMM Pointing: S13E05 AR4652 Mac.=DHI Carr.Lon.=1deg 08:27 08:38 CaPeak.c/s=29 Qual=5 FePeak=08:27 FePeak.c/s=8 #Peaks=1 DOY=133 SMM Pointing: S13E08 Pitch=+136", Yaw=-168", Roll=90deg Pitch=+136", Yaw=-168", Roll=90deg Pitch=+136", Yaw=-168", Roll=90deg DOY=133 SMM Pointing: S13E08 Pitch=+136", Yaw=+67", Roll=0deg Pitch=+170", Yaw=+67", Roll=0deg Pitch=+170", Yaw=+67", Roll=0deg DOY=133 SMM Pointing: S13E04 Pitch=+170", Yaw=+67", Roll=0deg Pitch=+170", Yaw=+67", Roll=0deg Pitch=+170", Yaw=+67", Roll=0deg Box=133 Bis:22 CaPeak.c/s=223 Qual=03 Qual=03 Tot Cts=11924 MaxkeV=113 Flags=1 Pitch=3.88 >) Bis:22:06 Bis:32:06 Bis:32:206 Bis:32 CaPeak.c/s=126 Qual=03 FePeak=18:30 Pitch=3.88 >) Py(MHz)/Flux(sfu): 1415/57 2695/25 4995/27 8800/27 15400/35 FePeak=18:30 Pitch=20H Bitch=3.88 Bitch=3.88 Bitch=3.	# = //65 '13,05:18		ŧ	Pointing	S13E11	•	Pitch=+168",Ya	w=+177", Roll=0deg	H.Ang=15deg
DOY=133 SMM Pointing: S13E05 AR4652 AR4652 Mac.=DHI Carr.Lon.=1deg 08:27 08:38 HaClass=SF S13E05 AR4652 Mac.=DHI Carr.Lon.=1deg 08:27 08:38 CaPeak.c/s=29 Qual=05 FePeak=08:27 FePeak.c/s=8 #Peaks=1 DOY=133 SMM Pointing: S13E08 Pitch=+136", Yaw=-168", Roll=90deg Pitch=+136", Yaw=-168", Roll=90deg DOY=133 Importance=C5 Qual=05 FePeak=10:05 FePeak.c/s=12 #Peaks=1 DOY=133 SMM Pointing: S13E04 Pitch=+170", Yaw=+67", Roll=0deg Pitch=+170", Yaw=+67", Roll=0deg BR:26 18:42 Importance=C5 Qual=0 Qual=0 Pitch=+170", Yaw=+67", Roll=0deg Pitch=+170", Yaw=+67", Roll=0deg 18:26 18:30:21 Peakc/s=223 Qual=0 Pepeak=18:30 PePeakc, C/s=23 #Peaks=1 Pepeak: C/s=23 Heaks=1 Pepeak: C/s=23 #Peaks=1 Pepeak: C/s=23 #Peaks=1 Pepeak: C/s=23 Pepeak: C/s=23 #Peaks=1 Pepeak: C/s=23 Pepeak: C/s=23 Pepeak: C/s=23 Pepeak: C/s=23	05:16:53	05:18 05:18:3	05:40 05:19:0	Importance=89 Peakc/s=71	Qua]=01 Qua]=01	Tot Cts=992	MaxkeV=50		
08:23 09:01 HaClass=SF S13E05 AR4652 Mac.=DHI Carr.Lon.=1deg 08:27 08:38 CaPeak.c/s=29 Qual= 5 FePeak=08:27 FePeak.c/s=8 #Peaks=1 009:27 08:38 CaPeak.c/s=29 Qual= 5 FePeak=08:27 FePeak.c/s=8 #Peaks=1 009:28 SMM	ent # = 20604 /05/13,08:23	D0Y=13	7	Pointing	S13E09		Pitch=+168", Ya	w=+149", Roll=0deg	H.Ang=14deg
DOY=133 DOY=133 SMM Pointing: S13E08 DOY=133 End times 10:05 10:06	tical FS 07.50	76ak 08.23	י ביוופי	HaClass=SF	\$13E05	AR4652	Mac.=DHI	Carr.Lon.=1deg	H.Ang=11deg
DOY=133 DOY=134 End times 10:00 10:30 10:23 CaPeak.c/s=111 DOY=133 End times 10:05 10:23 CaPeak.c/s=111 DOY=133 End times Bareare	\$ 08:27	101	38	CaPeak.c/s=29	Qual= 5	FePeak=08:27	S	#Peaks=1	XEN=513300
10:00 10:30 Importance=C5 Qual=O5	ent # = 21117 /05/13,10:00 Start		Fnd times	1	\$13E08		Pitch=+136", Ya	w=-168", Roll=90deg	H.Ang=13deg
## 8390 3,18:26 DOY=133 Start Peak End times Start Peak End times HaClass=SB S14W01 AR4652 Mac.=DHI Carr.Lon.=2deg 18:18 18:26 18:42 Importance=C2 Qual=03 18:19:30 18:22:06 18:30:21 PeakC/s=223 Qual=01 Tot Cts=11924 MaxkeV=113 Flags=I 18:23 18:29 18:32 CaPeak.c/s=126 Qual= 3 FePeak=18:30 FePeak.c/s=23 #Peaks=1 dt= 3.8s Frequency(MHz)/Flux(sfu): 1415/57 2695/25 4995/27 8800/27 15400/35	ES 09:54 S 10:05	10:00 10:05	10:30 10:23	<pre>Importance=C5 CaPeak.c/s=111</pre>	Qua]=05 Qua]= 5	FePeak=10:05	FePeak.c/s=12	#Peaks=1	XEN=513303
18:18 18:26 18:42 Importance=C2 Qual=O3 AR4652 Mac.=DHI Carr.Lon.=2deg 18:19:30 18:22:06 18:30:21 Peakc/s=223 Qual=O1 Tot Cts=11924 MaxkeV=113 Flags=I 18:23 18:29 18:32 CaPeak.c/s=126 Qual= 3 FePeak=18:30 FePeak.c/s=23 #Peaks=1 dt= 3.8s Frequency(MHz)/Flux(sfu): 1415/57 2695/25 4995/27 8800/27 15400/35	A	13	di t	Ť	S13E04		Pitch=+170", Ya	w=+67", Roll=0deg	H.Ang=11deg
18:19:30 18:22:06 18:30:21 Peakc/s=223 Qual=01 Tot Cts=11924 MaxkeV=113 Flags=I 18:23 18:29 18:32 CaPeak.c/s=126 Qual= 3 FePeak=18:30 FePeak.c/s=23 #Peaks=1 dt= 3.8s Frequency(MHz)/Flux(sfu): 1415/57 2695/25 4995/27 8800/27 15400/35	tical ES 18:18	18:26	, rimes	Class=SB	S14W01	AR4652	Mac.=DHI	Carr.Lon.=2deg	H.Ang=11deg
	RBS 18:19:30 S 18:23 dio Frequenc	18:22:06 18:29 3y(MHz)/F	0:21 22 :fu):	c/s=223 ik.c/s=126 '57 2695/25	Qual= Qual= 4995/27	Tot Cts=11924 FePeak=18:30 300/27 15400/35		dt= 3	XEN=513305

Peak End 1	f = 7768 13,22:19	D0Y=133	7 7 1	SMM Pointing:	S13E02		Pitch=+168", Yaw=+29", Roll=Odeg	H.Ang=10deg
DOY=134	10		22:41 22:41 22:23		Qual=05 Qual=01	Tot Cts=1393	MaxkeV=50	
DOY=134 Pointing: SHH Pointing: S13E01 Pitch=+168", Yaw=+9", Roll=Odeg DOY=136 O0:25 G0:25 O0:25 May Pointing: S13E01 Pitch=+168", Yaw=+9", Roll=Odeg DOY=136 O0:25 Capeak.c/s=72 Qual=01 Tot Cts=683 Pakek-50 Flags=1 DOY=134 End times Peak.mines ity: III.20 May Pointing: S13E01 Pitch=+168", Yaw=+9", Roll=Odeg DOY=134 End times Peak.mines Peak.mines Peak.mines Incompleted					85/05/14			
DOY=134	I		4 T T L	_	S13E01		Pitch=+168",Yaw=+9",Roll=Odeg	H.Ang=10deg
DOY=134 SMM Pointing: S13E01 Pitch=+168", Yaw=+9", Roll=Odeg Peak End times HaClass=Sr S14W03 AR4652 Hac.=DKI Carr.Lon.=Odeg 00.25.16		Peak 00:15 00:11:13 00:26	End times 00:22 00:12:04 00:39		Qual=01 Qual=01 Qual= 1	Tot Cts=683 FePeak=00:26	Flags=I #Peaks=2 dt=	XEN=513400
Peak End times HaClass=SF	1	D0Y=134		SMM Pointing:	S13E01		Pitch=+168", Yaw=+9", Roll=Odeg	H.Ang=10deg
00.25 00.53 Importance=C2 Qual=01 Tot Cts=1090 MaxkeV=50 Flags=I 100.25.16 00.26:18 Peakc/s=60 Qual=01 Tot Cts=1090 MaxkeV=50 Flags=I 100.25.16 00.26:18 Peakc/s=60 Qual=01 Tot Cts=375 MaxkeV=50 11.24.58 11.25.23 Peakc/s=72 Qual=01 Tot Cts=375 MaxkeV=50 11.24.58 11.25.23 Peakc/s=75 Qual=01 Tot Cts=375 MaxkeV=50 15.56:31 15.56:41 Peakc/s=76 Qual=01 Pitch=+170", Vaw=-130", Roll=0deg Peak BS/05/17 D0Y=137 Pitch=-83", Vaw=+945", Roll=0deg Peak BS/05/17 D0Y=137 Pitch=-83", Vaw=+945", Roll=0deg Peak BS/05/17 D0Y=137 Pitch=-83", Vaw=+945", Roll=0deg Peak BS/05/19 D0Y=137 Peakc/s=107 Qual=01 Tot Cts=1070 MaxkeV=229 Flags=I Pitch=-79", Roll=0deg Peak Brothings NO6E51 Peakc/s=3074 Rast=265"x265" Step=5" Pitch=-79", Roll=0deg Peak Brothings NO6E51 Peakc/s=34 Qual=01 Peakc/s=34 Qual=01 Peakc/s=34 Qual=01 Peakc/s=34 Qual=01 Peakc/s=34 Qual=01 Peakc/s=34 Peakc/s=34 Qual=01 Peakc/s=34		Peak	w		S14W03	AR4652		H.Ang=12deg
DOY=134 End times SHM Pointing: S13W06 Pitch=+168", Yaw=-90", Roll=Odeg Peak 11:24:58 11:25:23 Importance=81 Qual=01 Qual=01 Tot Cts=375 MaxkeV=50 DOY=134 End times SMM Pointing: S13W08 Pitch=+170", Yaw=-130", Roll=Odeg Peak End times SMM Pointing: S13W08 Pitch=-170", Yaw=-130", Roll=Odeg DOY=137 Eak SMM Pointing: NO5E86 Pitch=-83", Yaw=945", Roll=Odeg Peak Holining: Qual=00 Pitch=-83", Yaw=945", Roll=Odeg Peak Holining: Qual=01 Tot Cts=1070 MaxkeV=250 Peak Holining: Wavelength=1375A Qual=01 Exp #=30744 Rast=265"x265" Step=5" Peak End times Importance=89 Qual=01 Ros Floss Step=5" Pitch=-121", Yaw=+734", Roll=0deg Peak C-c/s=32 Qual=01 Reseat=0.75" Rast=0.75" 15:58:44 15:30:52 Peak C-c/s=32 Qual=01 Reseat=0.75" 15:38 44 15:30:52 Peak C-c/s=32 Qual=01 Reseat=0.75" 15:38 15:43 Reseat=0.75" Reseat=0.75"	:16	00:26 00:25:16 Type/1			Qual=01 Qual=01	Tot Cts=1090		
11:24:58 11:25:23 Peak		D0Y=134		SMM Pointing:	S13W06		Pitch=+168", Yaw=-90", Roll=Odeg	H.Ang≕12deg
DOY=134 SMM Pointing: S13W08 Pritch=+170", Yaw=-130", Roll=Odeg 15:56:33 15:56:41 Peak 0ual=00 Qual=01 MaxkeV=50 DOY=137 85/05/17 DOY=137 Pritch=-83", Yaw=+945", Roll=Odeg Peak Rayelength=1375A Qual=00 Qual=01 Tot Cts=1070 Qual=01 MaxkeV=229 Flags=1 Pitch=-79", Roll=0deg 17:33:09 17:33:25 Peak SMM Pointing: NO6E51 Poitch=-121", Yaw=+734", Roll=0deg Peak 15:38 16:21 Importance=89 Qual=01 Qual=01 Pritch=-121", Yaw=+734", Roll=0deg Peak 15:28:44 15:30:5 Peak Qual=01 15:38 15:28 Qual=01 Peak Rast=0"x0" 15:38 Peak Step=0" Cad=16.4s 15:38 Peak Step=0" 15:38 Peak C/5=32 Qual=01 Rast=0"x0" Step=0"		Peak 11:24 11:24	11:3 11:3		Qual=01 Qual=01	Tot Cts=375	MaxkeV=50	
15:56:33 15:56:41 Peakc/s=76 Qual=00 Qual=01 15:56:33 15:56:41 Peakc/s=76 Qual=01 15:56:33 15:56:41 Peakc/s=76 Qual=01 17:33:09 17:33:25 Peakc/s=107 Qual=00 Tot Cts=1070 MaxkeV=229 Flags=1 Pitch=-83", Yaw=+945", Roll=Odeg 17:33:09 17:33:25 Peakc/s=107 Qual=01 Exp #=30744 Rast=265"x265" Step=5" Pitch=-79", Rast=265"x265" Step=5" Pitch=-79", Peak 15:33:09 17:33:25 Peakc/s=94 Qual=01 Peak 15:38:44 15:30:52 Peakc/s=94 Qual=01 Peaks 15:38:44 15:30:52 Peakc/s=37 Qual=1 Peaks=15:36 Rast=0"x0" Step=0" Cad=16.4s 15:38 Peaks:17:2695/12 Peaks=15:36 Peaks=15:36 Peaks=15:36 Peaks=16.4s 15:38 Peaks:17:30:52 Peaks:17:30:32 Peaks=15:36 Peak		D0Y=134	-	SMM Pointing:	S13W08		Pitch=+170", Yaw=-130", Roll=Odeg	H.Ang=13deg
DOY=137 DOY=137 DOY=137 DOY=137 DOY=137 SMM Pointing: NO5E86 DOY=137 17:33:09 17:33:25 Peakc/s=107 DOY=139 DOY=139 DOY=139 DOY=139 Exp #=30744 DOY=139 DOY=18-10-10-10-10-10-10-10-10-10-10-10-10-10-		÷.	End 3 15:5		Qual=00 Qual=01		MaxkeV=50	
DOY=137 Peak End times 17:33:09 17:33:25					85/05/1			
17:33:09 17:33:25 Peakc/s=107 Qual=01 Tot Cts=1070 MaxkeV=229 Flags=I Pitch=-79", Rast=265"x265" Step=5" Pitch=-79", Rast=265"x265" Step=6" Pitch=-79", Rast=0"x0" Step=6" Pitch=-79", Rast=0"x0" Step=6" Cad=16.4s Pitch=-73", Peaks=1 Pitch=-73", Peaks=1 Pitch=-73", Peaks=1 Pitch=-73", Peaks=1 Pitch=-73", Peaks=1 Pitch=-73", Peaks=1 Pitch=-77 Pitch=-73", Peaks=1 Pitch=-73", Peaks=1 Pitch=-73", Peaks=1 Pitch=-77 Pitch=-73", Peaks=1 Pitch=-77 Pitch=-73", Peaks=1 Pitch=-77 Pitch=-73", Peaks=1 Pitch=-77 Pitch=-73", Pitch=-77", Pitch=-73", Pit	33	D0Y=137	1	SMM Pointing	N05E86		Pitch=-83", Yaw=+945", Roll=Odeg	H.Ang=87deg
85/05/19 D0Y=139 Peak End times 15:37 16:21 Importance=89 Qual=01 15:38 15:43 CaPeak.c/s=32 Qual= 1 FePeak=15:36 FePeak.c/s=13 #Peaks=1 dt= 7.7s 15:38 Peak3.c/s=37 15:38 Peak3.c/s=37 15:38 Peaks3.c/s=37 15:	t 2:41 2	реак 17:33:0	End 17:3		Qual=00 Qual=01	Tot Cts=1070 Exp #=30744	Flags=I Step=5"	', Yaw=+954"
DOY=139 SMM Pointing: NO6E51 Pitch=-121", Yaw=+734", Roll=Odeg Peak End times 15:37 16:21 Importance=B9 Qual=01 15:37 16:21 Importance=B9 Qual=01 15:38 15:30 Peakc/s=94 Qual= 1 FePeak=15:36 FePeak.c/s=13 #Peaks=1 dt= 7.7s 15:38 Peak3c/s=37 Qual= 1 FePeak=15:36 Rast=0"x0" Step=0" Cad=16.4s 15:38 Peak3c/s=37 Cad=16.4s					85/05/1			
Peak End times 15:37 16:21 Importance=B9 Qual=01 14 15:28:44 15:30:52 Peakc/s=94 Qual=01 15:36 15:43 CaPeak.c/s=32 Qual=1 FePeak=15:36 FePeak.c/s=13 #Peaks=1 dt= 7.7s 15:38 15:43 CaPeak.c/s=32 Qual=1 FePeak=15:36 Rast=0"x0" Step=0" Cad=16.4s 15:38 Peak3c/s=37 2695/12	775	D0Y=139	-1	1	N06E51		Pitch=-121", Yaw=+734", Roll=Odeg	H.Ang=52deg
	7. 23: 27:54 30 equen	Peak 15:37 15:28:4 15:36 15:38 cy(MHz)/	End time 16:21 4 15:30:52 15:43 Flux(sfu):	Importance=B9 Peakc/s=94 CaPeak.c/s=32 Peak3c/s=37 245/220 1415/17		FePeak=15:36	#Peaks=1 Step=0"	

17:37 17:49				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 , ko i i =udeg	H.Ang≃51deg
12 1/:33:01 1/:35:5 17:38 17:38 17:37	Importance=C2 Peakc/s=149 CaPeak.c/s=54 Peak3c/s=114	Qual=03 Qual=01 Qual= 3	Tot Cts=7588 FePeak=17:38	MaxkeV=50 FePeak.c/s=10 #Pe Rast=0"x0" Ste	#Peaks=1 dt= 3.8s Sten=0" Cad=1.02s	XEN=513902
17:46 17:19:07 17:19:27	Peakc/s=80	Associated Qual=01	Event # = 7776		•	1341d/st3011
305		85/05/21	D0Y=141			
f = //95 21,04:21 DOY=141 Start Peak End time	SMM Pointing:	N06E31		Pitch=-129", Yaw=+486", Roll=Odeg	6", Roll=0deg	H.Ang=32deg
9 04:21 04:34	3	NO6E24 Oual=05	AR4656	Mac.=DAI Car	Carr.Lon.=239deg	H.Ang=25deg
04:11:01 04:11:32 04:14:56 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Peakc/s=137 111/2 245/180 410/49	Qual=01 1415/19 269	Tot Cts=4685 5/38 4995/14	MaxkeV=50		
# = 7854 (21,09:55 D0Y=14] Start Peak End times	SMM Pointing:	N06E27		Pitch=-130", Yaw=+435"	5", Roll=0deg	H.Ang=29deg
04:55 10.0		N01E27	AR4656	Mac.=DAI Car	Carr.Lon.=233deg	H.Ang=27deg
:16 09:54: 09:54 09:57	Cap	Qual=01 Qual=01 Qual= 1	Tot Cts=33900 FePeak=09:54	MaxkeV=281 FePeak.c/s=154 #Pe	Flags=I #Peaks=1	XEN=514100
reeps Type/Intensity: Frequency(MHz)/Flux(sfu):	1/1 245,	0	606/63 1415/82 2695/38 49	4995/100 8800/110		
		85/06/01	D0Y=152			
152 Fnd tim	SMM Pointing:	S24W20		Pitch=+375", Yaw=-303	,Yaw=-303",Roll=Odeg	H.Ang=31deg
δ	³ Peakc/s≖68	Qual=01 To	Tot Cts=23	MaxkeV=420 Flag	Flags=NS,GB	
0 1		85/06/17	D0Y=168			
DOY=168 Peak Fnd	SMM Pointing:	S01W60		Pitch=+26", Yaw=-821", Roll=Odeg	, Roll=Odeg	H.Ang≖60deg
00:08 00:17 00:45 00:13 00:18 00:26 00:18 00:18	Importance=C2 CaPeak.c/s=161 Peak3c/s=740	Qual=OI Qual= 1 Fe	FePeak=00:18	FePeak.c/s=33 #Pea Rast=0"x0" Step	#Peaks=1 dt= 4.0s Step=0" Cad=2.05s	XEN=516800 2.048s/pixel
= 7877 ',12:13 DOY=168 start Peak End time	SMM Pointing:	S01W66		Pitch=+25", Yaw=-865"	Roll=0deg	H.Ang=66deg
12:13 12:20		S01W70 0ual=03	AR4663	Mac.=HSX Carr	Carr.Lon.=331deg	H.Ang=70deg
200	akc/s=85 Peak.c/s=95 ak3c/s=11		Tot Cts=558 FePeak=12:09	MaxkeV=50 FePeak.c/s=25 #Pea Rast=0"x0" Step	#Peaks=1 dt= 3.8s Step=0" Cad= 768s	XEN=516802 768.0s/pixe1
9:47 12:10:00 12:10:15		Associated Ev	Event $\# = 7878$	i	7	

					85/06/18	D0Y=169			
* +uev	= 12740				00 (00				
85/06/1	8,08:06	DOY=169	9	SMM Pointing:	S01W78		Pitch=+22", Yaw=.	, Yaw=-926", Roll=0deg	H.Ang=/8deg
HXRBS	Start HXRBS 08:06:23	7eak 08:06:26	08:06:31	Peakc/s=75 (Qual=01]	Tot Cts=74	MaxkeV=180	Flags=NS,GB	
					85/06/29	D0Y=180			
Event # 85/06/2 GOES BCS FCS	Event # = 21120 85/06/29,23:33 Start GOES 23:15 BCS 23:35 FCS	DOY=180 Peak 23:33 23:36 23:47	End times 23:44 00:23	Importance=C2 CaPeak.c/s=66 Peak3c/s=480	Qual=05 Qual= 5	FePeak=23:35	FePeak.c/s=20 Rast=0"x0"	#Peaks=1 Step=0" Cad= 129s	XEN=518000 129.0s/pixel
					85/06/30	D0Y=181			
1	# = 20524 30,00:20 Start	D0Y=181 Peak	End times		0				
GOES C/P	00:20 Ext	Extrap St=06/	6/29,23:27	PA=95deg	yuaı≘oo Big loop,	diffuse central	l blob		
Event #	# = 8485 /30,23:30	D0Y=181	•	SMM Pointing:	S09E57		Pitch=+172", Yaw	,Yaw=+783",Roll=0deg	H.Ang=58deg
Optica	Start	Peak	times		S14E84	AR4670	Mac.=CA0	Carr.Lon.=359deg	H.Ang=85deg
GÓES HXRBS	23:23 23:26:46	23:30 23:26:58	23:40 23:28:00	Importance=86 Peakc/s=65	Qual=01 Qual=01	Tot Cts=616	MaxkeV=50	Flags=I	
					85/07/02	D0Y=183			
Event 85/07/	t # = 21121 7/02,11:38	D0Y=183		SMM Pointing:	S15E65		Pitch=+263",Yaw	Pitch=+263",Yaw=+830",Roll=Odeg	H.Ang=67deg
Optica	Start 1	Peak	77	.Class=SN	\$13E64	AR4671	Mac.=DAO	Carr.Lon.=359deg	H.Ang=66deg
gões BCS FCS	11:05 11:41	11:38 11:41 11:51	11:54 11:54	oortance=C2 Peak.c/s=44 ak3c/s=152	Qual=05 Qual= 5	FePeak=11:41	FePeak.c/s=7 Rast=240"x240"	#Peaks=1 dt= 7.7s Step=10" Cad= 590s	XEN=518300 1.024s/pixel
Event 85/07/	t # = 7893 7/02,21:28	D0Y=183		SMM Pointing:	S15E59		Pitch=+269", Yaw	, Yaw=+786", Roll=0deg	H.Ang≃61deg
Optica	Start	Peak	End times	HaClass=2B	\$15 E 56	AR4671	Mac.=DA0	Carr.Lon.=1deg	H.Ang=58deg
GÓES HXRBS BCS BCS	21:03 21:13:18 21:07	21:28 21:20:30 21:24	21:50 21:44:26 21:44	Importance=M5 Peakc/s=7179 CaPeak.c/s=3273 Peak3.c/s=2310	Qual=01 Qual=11 Qual= 1	Tot Cts=7.73E+5 FePeak=21:23	MaxkeV=421 FePeak.c/s=848 Rast=0"x0"	Flags=M5,DG #Peaks=1 dt= 7.7s Step=0" Cad= 516s	XEN=518303 515.6s/pixel
Radio Radio	weeps Frequen	Type/1 cy(MHz)/F	ít ľú	11/3 111/3 1V/3 245/250 410/62 60	3 36/160 141	/3 606/160 1415/270 2695/190	4995/690 8800/1500 15400/1400	500 15400/1400	
Event 85/07/	t # = 21122 7/02,22:21	D0Y=183	somit ban	SMM Pointing:	S15E59		Pitch=+269", Ya	Pitch=+269", Yaw=+786", Roll=Odeg	H.Ang=61deg
GOES BCS FCS	22:21	22:		CaPeak.c/s=294 Peak3c/s=2084	Qual=00 Qual= 5	FePeak=22:21	FePeak.c/s=22 Rast=240"x240"	#Peaks=1 Step=10" Cad= 590s	XEN=518304 1.024s/pixel

				85/07/03	13 DAV=184			
Event # = 7894 85/07/03,23:06	894 :06 DOY=184	4	SMM Pointing:	S14E44		Pitch=+264", Ya	Pitch=+264", Yaw=+640", Roll=Odeg	H.Ang=47deg
GOES HXRBS 23:06	23:06	_	s Peakc/s≖91	Qual=00 Qual=01	Tot Cts=495	MaxkeV=50		
-				85/07/04	04 DOY=185			
Event # = 23 85/07/04,123 Stari	= 21123 1,12:24 DOY=18 Start Peak	85 Fnd times	SMM Pointing:	S14E38		Pitch=+269", Ya	, Yaw=+565", Roll=Odeg	H.Ang=41deg
ca]]		43	HaClass=SF	\$18E39	AR4671	Mac.=DS0	Carr.Lon.=357deg	H.Ang=44deg
BCS 12:15 FCS	5 12:23 12:30	12:32	CaPeak.c/s=44 Peak3c/s=125	Qual= 1	FePeak=12:23	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad= 768s	XEN=518500 768.0s/pixel
				85/07/05	5 D0Y=186			
Event # = 21124 85/07/05,23:01 Start	00Y=18 Peat	5 Fnd ±:	SMM Pointing:	S15E19		Pitch=+295", Ya	, Yaw=+291", Roll=0deg	H.Ang=26deg
Optical 60ES 22:51	23.0	.13	Ha.	S11E19	AR4671	Mac.=DSI	Carr.Lon.=358deg	H.Ang=24deg
BCS 22:56 FCS	22:59	23:06	CaPeak.c/s=37 Peak3c/s=36	Qual= 1	FePeak=22:59	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad= 129s	XEN=518600 129.0s/pixel
-				85/01/06	6 D0Y=187			
Event # = 21125 85/07/06,02:48 Start	48 DOY=187	7 Fnd times	SMM Pointing:	S15E17		Pitch=+296",Yav	, Yaw=+264", Roll=0deg	H.Ang=25deg
, E	02:48	03:22		S11E16	AR4671	Mac.=DSI	Carr.Lon.=359deg	H.Ang=21deg
BCS 02:39 FCS	02:43	02:47	CaPeak.c/s=42 Peak3c/s=150	Qua]= 3	FePeak=02:43	FePeak.c/s=10 Rast=300"x300"	#Peaks=1 dt= 7.7s Step=10" Cad= 922s	XEN=518700 1.024s/pixel
Event # = 7900 85/07/06,19:25 Start	25 DOY=187	7 Fnd +imes	SMM Pointing:	S16E08		Pitch=+314", Yaw	Pitch=+314", Yaw=+123", Roll=Odeg	H.Ang=21deg
Optical 60FS 19:20		19.37		\$19E09	AR4672	Mac.=CKI	Carr.Lon.=356deg	H.Ang=24deg
HXRBS 19:22 BCS 19:22 FCS	31 19:23 19:24 19:23	:06 19:23:39 19:27	Peakc/s=113 CaPeak.c/s=40 Peak3c/s=82	Qual=01 Qual= 1	Tot Cts=1631 FePeak=19:24	MaxkeV=50 FePeak.c/s=12 Rast=0"x0"	#Peaks=1 Step=0" Cad= 129s	XEN=518701 129.0s/pixel
Event # = 21126 85/07/06,22:40	126 40 DOY=187 Post	1	SMM Pointing:	S16E06		Pitch=+314", Yaw	Pitch=+314", Yaw=+98", Roll=0deg	H.Ang=20deg
GOES 22:31 BCS 22:38	22:40 22:38	22:46 22:39	Importance=B6 CaPeak.c/s=19	Qua]=03 Qua]= 1	FePeak=22:38	FePeak.c/s=7	#Peaks=1	XEN=518702
Event # = 7901 85/07/06,23:06 Start	1	Frd + impo	SMM Pointing:	\$16E06		Pitch=+314", Yaw	Pitch=+314", Yaw=+98", Roll=Odeg	H.Ang=20deg
GOES 22:56 HXRBS 23:03	23:03:	23:08 20 23:03:39	Importance=Cl Peakc/s=138	Qual=01 Qual=01	Tot Cts=594	MaxkeV=50		

Event # = 85/07/06,	= 21127 ,23:10	DOY=187		SMM Pointing:	S16E06		Pitch=+315", Yaw=	,Yaw=+88",Roll=0deg	H.Ang=20deg
60ES 22 BCS 22 FCS 22	Start 23:09 23:10	Peak 23:10 23:11 23:11	End times 23:12 23:11	Importance=B9 CaPeak.c/s=22 Peak3c/s=179	Qual=01 Qual= 1	FePeak=23:11	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad= 768s	XEN=518703 768.0s/pixel
					85/07/07	D0Y=188			
Event # 85/07/07	t # = 7902 7/07,00:12	D0Y=188	:	SMM Pointing:	S16E06		Pitch=+315",Yaw≃+88",Roll=Odeg	*+88", Roll=Odeg	H.Ang=20deg
S Optical	tart	Peak	1 times	HaClass=SF	\$16E05	AR4672	Mac.=DKI	Carr.Lon.=358deg	H.Ang=20deg
	00:08 00:11:10 00:11	00:12 00:11:47 00:12	00:25 00:12:44 00:14	Importance=Cl Peakc/s=143 CaPeak.c/s=67	Qual=01 Qual=01 Qual= 1	Tot Cts=1509 FePeak=00:12	MaxkeV=50 FePeak.c/s=13	#Peaks=1 dt= 3.8s	XEN=518802
Event # 85/07/07	# = 7903 7/07,00:43	D0Y=188		SMM Pointing:	S16E05		Pitch=+315", Yaw	, Yaw=+78", Roll=0deg	H.Ang=20deg
Optical	tart	Peak	mes	HaClass=SF	S20E05	AR4672	Mac.≖DKI	Carr.Lon.=358deg	H.Ang=24deg
,	00:38 00:40:22 00:41	00:43 : 00:41:07 00:41	00:47 00:42:14 00:42	Importance=B6 Peakc/s=93 CaPeak.c/s=19	Qual=01 Qual=01 Qual= 1	FePeak=00:41	MaxkeV=50 FePeak.c/s=9	#Peaks=1	XEN=518803
Event # 85/07/07	t # = 7904 7/07.05:28	D0Y=188	1	SMM Pointing:	S16E02		Pitch=+314", Yaw	, Yaw=+36", Roll=Odeg	H.Ang=20deg
Ontical	itart	Peak	шes	HaClass=SN	S13W00	AR4671	Mac.=DAO	Carr. Lon.=360deg	H.Ang≃17deg
,	05:23 05:26:28 05:26	05:28 3 05:27:38 05:28 05:29	05:40 05:28:12 05:31	Importance=C3 Peakc/s=72 CaPeak.c/s=155 Peak3c/s=630	Qual=03 Qual=01 Qual= 1	FePeak=05:27	MaxkeV=50 FePeak.c/s=32	#Peaks=1	XEN=518800
Event # 85/07/07	2112 18:47			SMM Pointing:	S16W05		Pitch=+314",Yaw	, Yaw=-81", Roll=Odeg	H.Ang=20deg
G0ES 18 BCS 18	Start 18:43 18:45	Peak 18:47 18:45	End times 18:55 18:47	Importance=B8 CaPeak.c/s=18	Qua]=05 Qua]= 1	FePeak=18:45	FePeak.c/s=8	#Peaks=1	XEN=518804
Event # 85/07/0	= 21129 7,19:10			SMM Pointing:	S16W05		Pitch=+314",Yav	, Yaw=-81", Roll=Odeg	H.Ang=20deg
GOES BCS FCS	Start 19:00 19:04	Peak 19:10 19:06 19:05	End times 19:30 19:19	Importance=89 CaPeak.c/s=27 Peak3c/s=127	Qual=01 Qual= 1	FePeak=19:16	FePeak.c/s=19 Rast=0"x0"	#Peaks=1 Step=0" Cad= 768s	XEN=518806 768.0s/pixel
Event # 85/07/0	= 2113 7, 19:37	ò	4	SMM Pointing:	S16W05		Pitch=+314", Ya	Pitch=+314", Yaw=-81", Roll=Odeg	H.Ang≈20deg
GOES BCS FCS	Start 19:31 19:32	19:37 19:36 19:34	20:01 19:40	Importance=Cl CaPeak.c/s=33 Peak3c/s=133	Qual=03 Qual= 1	FePeak=19:36	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad= 768s	XEN=518811 768.0s/pixel

Event # = 85/07/07,	8486 20:27	D0Y=188		SMM Pointing:	S16W06		Pitch=+316", Yaw=-95", Roll=0deg	—————————————————————————————————————	=0deg	H.Ang=20deg
St GOES 20 HXRBS 20 BCS 20 FCS Radio Swe	Start 20:24 S 20:26:14 20:18 o Sweeps	Peak End t 20:27 20:47 20:27:16 20:27 20:28 20:32 20:31 Type/Intensi	imes :48 ty:	<pre>Importance=C3 Peakc/s=488 CaPeak.c/s=153 Peak3c/s=693 V/1</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=5710 FePeak=20:27	MaxkeV=113 FePeak.c/s=39 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 7.7s Cad= 768s	XEN=518817 768.0s/pixel
Event # = 211 85/07/07,20:5	7.33	DOY=188	Fnd + imag	SMM Pointing:	S16W06		Pitch=+316", Yaw	, Yaw=-95", Roll=0deg	=0deg	H.Ang=20deg
GOES 20 BCS 20		20:57 20:58 20:58	21:08 20:59	Importance=Cl CaPeak.c/s=24	Qual=01 Qual= 5	FePeak=20:58	FePeak.c/s=12	#Peaks=1		XEN=518816
Event # = 85/07/07,2	7905	DOY=188	+	SMM Pointing:	S13E67		Pitch=+239", Yaw=+848", Roll=0deg	w=+848", Rol]=0deg	H.Ang=69deg
GOES 22 HXRBS 22	46	22:28 22:26:07	22:46 , 22:27:59	Importance=Cl Peakc/s=95	Qual=01 Qual=01	Tot Cts=2810	MaxkeV=50			
					85/07/08	8 DOY=189				
Event # = 85/07/08,0	# = 21132 /08,02:36 Start	DOY=189 Peak	Fnd times	SMM Pointing:	S16W09		Pitch=+318",Yaw=-147",Roll=Odeg	v=-147",Rol	l=0deg	H.Ang=22deg
60ES BCS 02 FCS	:35	02:36 02:35	ന	CaPeak.c/s=28 Peak3c/s=35	Qual=06 Qual= 5	FePeak=02:35	FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Step=0"	Cad=3840s	XEN=518900 3840s/pixel
Event # = 85/07/08,0	: # = 21133 7/08,04:08 Start	DOY=189	Fnd times	SMM Pointing:	S16W10		Pitch=+316", Yaw=-157", Roll=Odeg	v=-157", Roll	l=0deg	H.Ang=22deg
G0ES 03 BCS 04 FCS 04		04:08 04:11 04:12		Importance=C1 CaPeak.c/s=30 Peak3c/s=14	Qual=05 Qual≖ 5	FePeak=04:11	FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Step=0"	Cad=3840s	XEN=518901 3840s/pixel
Event # = 85/07/08,0	= 21134 3,06:05	DOY=189	-	SMM Pointing:	S16W11		Pitch=+315", Yaw	, Yaw=-177", Roll=Odeg	l=0deg	H.Ang=22deg
Optical GOES 05:		reak 06:05 06:05	^	HaClass=SF Importance=B8	\$14W13 Qual=04	AR4671	Mac.=DKC	".	-359deg	H.Ang=22deg
35 35	<u>:</u>	0:90	<u> </u>	Peak3c/s=23	dagi.	rereak-00.04	rereak.c/s=o Rast=0"x0"	*reaks=1 Step=0"	ur= /./s Cad= 768s	768.0s/pixel
Event # = 85/07/08,0	t # = 21135 7/08,09:58 Start	D0Y=189 Peak	Fnd times	SMM Pointing:	S16W13		Pitch=+315", Yaw	, Yaw=-203", Roll=0deg	=0deg	H.Ang=23deg
·~ /^	:41	09:58	:25	HaClass=SN Importance≃C5	\$15W14 Oual=02	AR4671	Mac.=DKC	Carr.Lon.=358deg	:358deg	H.Ang=23deg
60	: 44	09:47 09:48		CaPeak.c/s=44 Peak3c/s=302	Qual≈ 3	FePeak=09:47	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad= 768s	XEN=518905 768.0s/pixel

0 y = 18	6	Fod +	SMM Pointing:	S16W15		Pitch=-230", Yaw=-315	', Yaw=-315", Roll=90deg	H.Ang=24deg
12:15:05 1 12:15:05 1 12:16		2	Importance=87 Peakc/s=68 CaPeak.c/s=27 Peak3c/s=136	Qua]=01 Qua]=01 Qua]= 1	Tot Cts=118 FePeak=12:15	MaxkeV=50 FePeak.c/s=11 #Pea Rast=0"x0" Step	#Peaks=1 Step=0" Cad= 768s	XEN=518906 768.0s/pixel
DOY=189		1 P P P P P P P P P P P P P P P P P P P	SMM Pointing:	S16W15		Pitch=-230",Yaw≕-315	, Yaw=-315", Roll=90deg	H.Ang=24deg
13:08 12:55		<u> </u>	Importance=B7 CaPeak.c/s=20	Qual=02 Qual= 3	FePeak=12:55	FePeak.c/s=5 #Peaks	3kS=1	XEN=518907
DOY=189		, + tal	SMM Pointing:	S16W15		Pitch=+314", Yaw=-242", Roll=Odeg	2",Roll=0deg	H.Ang=25deg
13:51 13:50		14:05 13:52	Importance=89 CaPeak.c/s=25	Qual=01 Qual= 1	FePeak=13:52	FePeak.c/s=11 #Pea	#Peaks=1 dt= 7.7s	XEN=518908
DOY=189	i	÷ +	SMM Pointing:	S16W16		Pitch=+314",Yaw=-255"	5", Roll=0deg	H.Ang=25deg
15:16 15:16 15:15		15:18	Importance=Cl CaPeak.c/s=24 Peak3c/s=156	Qual=04 Qual= 1	FePeak=15:15	FePeak.c/s=8 #Pea Rast=180"x180" Step	#Peaks=1 Step=10" Cad= 332s	XEN=518910 1.024s/pixel
D0Y=189	1 _	+	SMM Pointing:	S16W16		Pitch=+314", Yaw=-255", Roll=0deg	5", Roll=0deg	H.Ang=25deg
15:45 15:46 15:46		15:46	Importance=C1 CaPeak.c/s=21 Peak3c/s=185	Qua]=01 Qua]= 1	FePeak=15:46	FePeak.c/s=8 #Pec Rast=0"x0" Step	#Peaks=1 dt= 7.7s Step=0" Cad= 129s	XEN=518911 129.0s/pixel
	6		SMM Pointing:	S16W16		Pitch=+314", Yaw=-255", Roll=Odeg	5", Roll=Odeg	H.Ang=25deg
reak 16:04 16:05:3 16:05	6	End times 16:15 16:06:50 16:07	Importance=C3 Peakc/s=192 CaPeak.c/s=161 Peak3c/s=310	Qual=03 Qual=01 Qual= 1		MaxkeV=50 FePeak.c/s=42 #Pe: Rast=300"x300" Ste	#Peaks=2 dt= 3.8s Step=10" Cad= 922s	XEN=518913 1.024s/pixe1
15:58:4	2	15:58:53	 Peakc/s=128	Associated Qual=01	Event # = 7913 Tot Cts=992	MaxkeV=71	1 1 1 1 1 1 1 1	1 1 1 1 1
DOY=189	1 _		SMM Pointing:	S16W17		Pitch=+315", Yaw=-269", Roll=Odeg	9", Roll=Odeg	H.Ang=26deg
17:36 17:37 17:37 17:37		17:53 17:39	Importance=B8 CaPeak.c/s=24 Peak3c/s=24	Qual=03 Qual= 1	FePeak=17:37	FePeak.c/s=6 #Pe Rast=300"x300" Ste	#Peaks=1 Step=10" Cad= 922s	XEN=518914 1.024s/pixel
	1							

H.Ang=26deg		H.Ang=26deg	XEN=518917 3s 768.0s/pixel	H. Ang=28deg	XEN=518918 ss 768.0s/pixe1 117", Yaw=-305"		H.Ang=29deg			H.Ang=29deg	XEN=519000 is 129.0s/pixel	H.Ang=29deg	H.Ang=29deg H.Ang=41deg	XEN=519002 s 1.024s/pixel		
Pitch=+315", Yaw=-269", Roll=Odeg	#Peaks=1 Step=0" Cad=3840s	Pitch=+315", Yaw=-279", Roll=Odeg	#Peaks=1 Step=0" Cad= 768s	, Yaw=-310", Roll=Odeg	#Peaks=1 Step=0" Cad= 768s Pitch=+317'	, Yaw=+974", Roll=0deg	Carr.Lon.=358deg			Pitch=+314",Yaw≖-333",Rol1=Odeg	#Peaks=1 Step=0" Cad= 129s	, Yaw=-333", Roll=0deg	Carr.Lon.=357deg Carr.Lon.=15deg	#Peaks=2 Step=10" Cad= 332s		
Pitch=+315", Yaw	FePeak.c/s=6 Rast=0"x0"	Pitch=+315", Yaw	FePeak.c/s=10 Rast=0"x0"	Pitch=+313", Yaw	FePeak.c/s=10 Rast=0"x0"	Pitch=-247", Yaw	Mac.=DKC	MaxkeV=50		Pitch=+314", Yaw	FePeak.c/s=9 Rast=0"x0"	Pitch=+314", Yaw	Mac.=DKI	FePeak.c/s=48 Rast=180"x180"	0/110	
	FePeak=18:19		FePeak=18:36		FePeak=21:56		AR4671	Tot Cts=592	09 D0Y=190		FePeak=01:17		AR4671 AR4674	Importance=n3 Qual=U3 CaPeak.c/s=677 Qual= 1 FePeak=02:10 FePeak Peak3c/s=2435	70 8800/250 1540	
S16W17	Qua]=05 Qua]= 1	S16W18	Qual=01 Qual= 1	S16W20	Qual=01 Qual= 1		\$16W21	Qual=01 Qual=01	85/07/09	S16W21	Qual=01 Qual= 1	S16W21	\$16W22 \$05W40	Qual=13	//3 360 4995/27	
SMM Pointing:	Importance=B9 CaPeak.c/s=20 Peak3c/s=18	SMM Pointing:	<pre>Importance=B7 CaPeak.c/s=18 Peak3c/s=158</pre>	SMM Pointing:	Importance=B7 CaPeak.c/s=21 Peak3c/s=72	SMM Pointing:	HaClass=SF	Importance=68 Peakc/s=88 245/22		SMM Pointing:	<pre>Importance=B7 CaPeak.c/s=21 Peak3c/s=306</pre>	SMM Pointing:	HaClass=1B HaClass=SN	importance=m3 CaPeak.c/s=677 Peak3c/s=2435	II/3 III/3 IV 1415/340 2695/3	
	End times 18:31 18:20		End times 18:40 18:37		£ ≣	4	S)				End times 01:23 01:17	End +imae		:12	e/Intensity: //Flux(sfu):	
	Peak 18:16 18:19 18:19	1	18:34 18:36 18:36	DOY=189	21:57 21:56 21:56 21:56	D0Y=189	reak	23:22 43 23:21:59 23:22:19 ency(MHz)/Flux(sfu):		D0Y=190	01:17 01:17 01:17	DOY=190	, can	05:15 02:15 15:04	Typ cy (∰z)	
# = 21141 /08,18:16	Start 18:10 18:19	# = 21142 /08,18:34	31471 18:31 18:36	t # = 21143 7/08,21:57	21:53 21:53 21:56	t # = 7915 7/08,23:22	Start 3]	23:19 23:21: Frequ		# = 21144 /09,01:17	Start 01:15 01:17	t # = 21145 7/09,02:04 Start	al al	02:10	weeps Frequ	
Event 85/07,	GOES BCS FCS	Event 85/07,	GOES BCS FCS	Event 85/07,	GOES BCS FCS UVSP	Event 85/07,	Optica	HXRBS Radio		Event 85/07/	GOES BCS FCS	Event 85/07/	Optica Optica	BCS FCS	Radio Radio	

SMM Pointing: \$16W23 CaPeak.c/s=22 Qual= 1 Peak3c/s=90 SMM Pointing: \$16W23 Importance=C1 Qual=01 CaPeak.c/s=26 Qual= 1 Peak3c/s=162
\$16W25 Qual=01 Qual=01
S16W28 Qual=04 Qual= 5
SMM Pointing: \$17W29 Importance=B5 Qual=02 Peakc/s=74 Qual=01 Wavelength=2788A Code=00 Exp
Sinting: \$17W30 \$18W33 Qual=01 Qual=03 Tot length=2788A Code=01 Exp
S17W31 Qual=01 Qual= 1 FePeak=18:26 Code=00 Exp #=30955

### 507/10_00:31	1 1				85/07/10	10 D0Y=191				
00:30 00:31 00:31 1mportance=85 Qual=01 10.05:50 00:31:01 Peak.c./s-82 Qual=01 10.05:50 00:31:01 Peak.c./s-82 Qual=01 10.05:50 DOY=191 10.05:30 Event # = /92 85/07/10,00:3 Start	00Y=1 Peak	End times	SMIN			Pitch=-233",Ya	IW=+972", Roll	l=0deg		
10.05:10 10.09:191 10.09	OES 00:30 XRBS 00:30:	00 31 11	00:33		Qua]=01 Qua]=01		MaxkeV=50			
05:40 05:50 05:51 CaPeak.c/s=27 Qual= 2 FePeak=05:50 FePeak_c/s=9 FePeaks=1 dt= 775 Rast=0~x0~ Step=0~ Cad= 7685 Start Peak End times Start Pointing: S17W38 Pitch+322", Yaw=-554", Poll-0deg Oual= 1 FePeak=06:37 Pitch+322", Yaw=-554", Poll-0deg Oual= 1 FePeak=06:37 Pitch+322", Yaw=-554", Poll-0deg Oual= 1 FePeak=06:37 Pitch+322", Yaw=-554", Poll-0deg Oual= 1 FePeak=06:37 Pitch+322", Yaw=-554", Poll-0deg Oual= 1 FePeak=06:37 Pitch+322", Yaw=-554", Poll-0deg Oual= 1 FePeak=06:37 Pitch+322", Yaw=-555", Roll-0deg Oual= 1 FePeak=06:37 Pitch+322", Yaw=-555", Roll-0deg Oual= 7.75 Pitch+321", Yaw=-565", Roll-0deg Oual= 7.75 Pitch+321", Yaw=-575", Yaw=-575", Roll-0deg Oual= 7.75 Pitch+321", Yaw=-575", Yaw=-575", Roll-0deg Oual= 7.75 Pitch+322", Yaw=-575", Roll-0deg Oual	vent # = 211 5/07/10,05:5 Start	DOY=1 Peak	End times	SMM	S17W38		Pitch=+322", Ya	W=-554", Roll	=0deg	H.Ang=43deg
10, 06:37	SS 05:40	05:50 05:49	••	CaPeak.c/s=27 Peak3c/s=57	Qua]=00 Qua]= 2		FePeak.c/s=9 Rast=0"x0"		dt= 7.7s Cad= 768s	XEN=519100 768.0s/pixel
06:34 06:37 07:26 CaPeak.c/s=40 Qual=10 FePeak=06:37 Rast=0"x0" Step=0" Cad= 768s Fepeak.c/s=195 Qual=10 FePeak=06:37 Rast=0"x0" Step=0" Cad= 768s Gal= 768s	ent # = 211 /07/10,06:3 Start	DOY=19 Peak	time	SMM Pointing	S17W38		Pitch=+322", Ya	w=-554", Roll	=0deg	H.Ang=43deg
## 21153 SAMM Pointing: S17W39 08:10 09:10	S 06:34 S		?;	CaPeak.c/s=40 Peak3c/s=195	Qual=00 Qual= 1		FePeak.c/s=8 Rast=0"x0"		dt= 7.7s Cad= 768s	XEN=519104 768.0s/pixel
08:09 08:10 08:19 CaPeak.c/s=20 Qual=1 FePeak=08:10 FePeak.c/s=7 #Peaks=1 dt=7.7s	ent # = 211 /07/10,08:1 Start	DOY=1 Peak	End times		S17W39		Pitch=+321", Ya	w=-565", Roll	=0deg	H.Ang=43deg
1 = 21154 1	80		• •	CaPeak.c/s=20 Peak3c/s=103	Qual=00 Qual= 1	FePeak=08:10	FePeak.c/s=7 Rast=240"x240"		dt= 7.7s Cad= 590s	XEN=519105 1.024s/pixel
08:40	t # = 7/10,0 Sta	14 1 D0Y=19 Peak	End times	SMM Pointing	S17W39		Pitch=+321", Yav	w=-565", Roll:	=0deg	H.Ang=43deg
= 7921 SMM Pointing: S17W39 Pitch=+321", Yaw=-565", Roll=Odeg 0,09:00 D0Y=191 SAM Pointing: S12W38 AR4671 Mac.=DKC Carr.Lon.=356deg 08:59 09:00 09:00 PeakC/s=115 Qual=02 Tot Cts=1244 Maxkev=50 08:59:45 09:00 09:00 CaPeakC/s=22 Qual=2 FePeak=09:00 FePeakC/s=11 FePeaksC/s=11 09:00 09:00 Peak3C/s=59 Qual=2 FePeak=09:00 FePeakC/s=11 FePeaksC/s=11 09:00 Peak3C/s=59 Rast=0"x0" Step=0" Cad= 768s Frequency(MHz)/Flux(sfu): 4995/9 8800/11 S17W39 Pitch=+322", Yaw=-575", Roll=0deg 0,09:40 09:40 09:40 09:41 CaPeakC/s=19 Qual=00 09:40 09:40 09:41 CaPeakC/s=19 Qual=00	ES 08:40 S 08:43		}	Importance=C2 CaPeak.c/s=23 Peak3c/s=103	Qua]=01 Qua]= 1	FePeak=08:46	FePeak.c/s=4 Rast=0"x0"			XEN=519112 768.0s/pixel
08:59 09:00 09:10	ent # = 792 '07/10,09:00 Start	DOY=19 Peak	+ i me	1 -	S17W39		Pitch=+321", Yaw	v=-565", Roll=	=0deg	H.Ang=43deg
08:59:45 09:00:02 09:00:29 Peakc/s=115 0ual= 2 FePeak=09:00 FePeak.c/s=11 #Peaks=1	ical S 08:59		09:10	HaClass=SN Importance=C2		AR4671	Mac.=DKC	Carr.Lon.≕	356deg	H.Ang=41deg
t # = 21155 7/10,09:40 D0Y=191 SMM Pointing: S17W39 Pitch=+322",Yaw=-575",Roll=Odeg Start Peak End times Qual=00 09:40 09:40 09:41 CaPeak.c/s=19 Qual= 1 FePeak=09:40 FePeak.c/s=8 #Peaks=1	00	09:00:0 09:00 09:00 y(MHz)/	09:00:29 09:00 ux(sfu):	Peakc/s=115 CaPeak.c/s=22 Peak3c/s=59 4995/9 8800/11		Tot Cts=1244 FePeak=09:00	MaxkeV=50 FePeak.c/s=11 Rast=0"x0"			XEN=519114 768.0s/pixel
Qual=00 09:40 09:41 CaPeak.c/s=19 Qual= 1 FePeak=09:40 FePeak.c/s=8 #Peaks=1	_	DOY=1 Peak			S17W39		Pitch=+322", Yaw	/=-575", Roll=	=0deg	H.Ang=44deg
		60	. 7	CaPeak.c/s=19	Qual=00 Qual= 1	FePeak=09:40	FePeak.c/s=8	#Peaks=1		XEN=519115

									ı									
H.Ang=44deg	XEN=519116 768.0s/pixel	H.Ang=48deg	H.Ang=47deg	XEN=519118 1.024s/pixel	010	H.Ang=51deg	H.Ang≕51deg	w=-65	; ; ; ; ;		H.Ang=46deg	H.Ang=62deg	XEN=519200	", Yaw=-740"		H.Ang=66deg	XEN=519300	1, Yaw=-798"
]=0deg	Cad= 768s	, Roll=Odeg	.=359deg	Cad= 922s		, Roll=Odeg	Carr.Lon.=359deg	Pitch=+321	1 † † 		',Roll=Odeg	.=1deg		Pitch=+313"		11=0deg	dt= 7.7s X	
=-575", Ro	#Peaks=1 Step=0"	, Yaw=-627", Ro	Carr.Lon.=359deg	#Peaks=2 Step=10"		, Yaw=-664", Ro	Carr.Lon	Flags=I Step=5"	Flags=I		',Yaw=-595",Ro	Carr.Lon.=1deg	#Peaks=1	Step=3"		/=-804", Ro		Step=10 Step=5"
Pitch=+322", Yaw=-575", Roll=Odeg	MaxkeV=50 FePeak.c/s=16 Rast=0"x0"	Pitch=+319", Yaw	Mac.=DKC	MaxkeV=71 FePeak.c/s=38 Rast=300"x300"	KA31-243 A643	Pitch=+317", Yaw	Mac.=DKC	MaxkeV=50 Rast=265"x265"	 MaxkeV=50		Pitch=+321",Yaw	Mac.=DKC	FePeak.c/s=8	Rast=243"x243"		Pitch=+317", Yaw=-804", Roll=Odeg	MaxkeV=50 FePeak.c/s=11	Rast=300 x300 Rast=265"x265"
	Tot Cts=1639 FePeak=10:23		AR4671	Tot Cts=2261 FePeak=16:47	EXp #=30930		AR4671		Event # = 848/ Tot Cts=163	I D0Y=192		AR4671	FePeak=13:56	Exp #=30970	2 D0Y=193		Tot Cts=622 FePeak=01:42	Exp #=30977
S17W39 Oual=03	Qual=01 Qual= 1	S17W44	S11W45	Qual=01 Qual=01 Qual= 1	non=anon	S17W47	S16W48	Qual=01 Qual=01 5A Code=00	Associated Qual=01	85/07/1	S17W41	S18W59	Qual=05 Qual= 5	Code=02	85/07/13	S18W63	Qual=03 Qual=01 Qual= 1	Code=00
SMM Pointing: Importance=C2	Peakc/s=88 CaPeak.c/s=73 Peak3c/s=265	SMM Pointing:	HaClass=SN	Importance=CZ Peakc/s=165 CaPeak.c/s=102 Peak3c/s=314	wave:engtn=∠/66A	SMM Pointing:	HaClass=SN	rtance=88 c/s=49 length=1375	Peakc/s=43		SMM Pointing:	HaClass=SN	Importance=US CaPeak.c/s=92	Wavelength=2788A		SMM Pointing:	<pre>Importance=C1 Peakc/s=81 CaPeak.c/s=42</pre>	Peak3c/s=138 Wavelength=1375A
■es	10:23:57 10:29	1	C1 lifes	17:06 16:48:31 16:50		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		22:32:24 22:32:24	22:30:22			ı times	13:58 14:03				02:20 01:42:14 01:48	
[91	10:23:01 10:23 10:26	D0Y=191	Peak	16:46:45 16:46:45 16:47 16:47		DOY=191	reak	22:32 22:32:00	22:30:03		0	¥ 1	13:50	4 ⊃		00Y=193	01:44 01:44 01:43	01:44
# = 7926 10,10:24 Start 10:20	10:21:40 10:21	# = 7927 //10,16:47	start 1	444	15:58	# = 8488 /10,22:32		22:29 22:31:45 22:14	22:29:56		t # = 21156 7/11,13:50	Start	13:3/ 13:56	13:58	1 1	-	5147 01:39 01:41:18 01:41	65:00
Event # 85/07/10	HXRBS BCS FCS	Event 85/07/		HXRBS FCS FCS	UVSF	Event 85/07/	Optica	GOES HXRBS UVSP	HXRBS	İ	Event 85/07/	Optica (BCS BCS	UVSP		Event 85/07/	GOES HXRBS BCS	ECS UVSP

	<u></u>				_					_	_		_	_	
H.Ang=67deg	XEN=519301 129.0s/pixel ", Yaw=-809"	H.Ang=67deg H.Ang=68deg	XEN=519302 1.024s/pixel	H.Ang=67deg	H.Ang=68deg	XEN=519303 ", Yaw=-820"	H.Ang=86deg	, Үам=-889"		H.Ang=87deg	H.Ang=80deg	, Үаw=-891"	H.Ang=87deg	H.Ang=80deg	, Үаw=-886"
l=0deg	X Cad= 129s 1; Pitch=+321",	=0deg	Cad= 922s	=0deg	:359deg) Pitch=+319",	=0deg	Pitch=+295",Yaw=-889"	:	, Roll=Odeg	:359deg	Pitch=+297"	=0deg	:359deg	Pitch=+302",Yaw=-886"
v=-814", Rol]	#Peaks=1 Step=0" Step=5"	v=-814", Roll=0deg Carr.Lon.=360deg	#Peaks=1 Step=10"	, Yaw=-814", Roll=0deg	Carr.Lon.=359deg	#Peaks=1 Step=5"	r=-897", Roll	Step=3"		, Yaw=-898", Roll	Carr.Lon.=359deg	Flags≖I Step=10"	, Yaw=-898", Roll=Odeg	Carr.Lon.=359deg	Flags=I Step=0"
Pitch=+317", Yaw=-814", Roll=Odeg	MaxkeV=50 FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	Pitch=+317", Yaw=-814", Roll=Odeg Mac.=DKC Carr.Lon.=360de	MaxkeV=50 FePeak.c/s=14 Rast=300"x300"	Pitch=+317", Yav	Mac.=DKC	FePeak.c/s=35 Rast=265"x265"	Pitch=+292", Yaw=-897", Roll=Odeg	MaxkeV=50 Rast=243"x243"		Pitch=+291", Yaw	Mac.=CKO	MaxkeV=71 Rast=280"x280"	Pitch=+291", Yaw	Mac.=CKO	MaxkeV=71 Rast=30"x30"
	Tot Cts=600 FePeak=04:39 Exp #=30979	AR4671	Tot Cts=1476 FePeak=05:02 00/21		AR4671	FePeak=06:17 Exp #=30981		Tot Cts=1004 Exp #=30993	D0Y=194		AR4671	Tot Cts=343 Exp #=31001		AR4671	Tot Cts=683 Exp #=31004
S18W65	\ual=01 \ual=01 \ual= 1 \code=00	S18W65 S14W66	Qual=05 Qual=01 Tot C Qual= 2 FePea 4995/14 8800/21	S18W65	S14W66	dual=01 Qual= 3	S18W84	Qua]=01 Qua]=01 Code=00	85/07/13	S18W85	S15W78	Qual=00 Qual=01 1	S18W85	S14W79	Qual=01 1
SMM Pointing:	Importance=B7 (CaPeakc/s=77 (CaPeak.c/s=25 (Peak3c/s=154 Wavelength=13/5A (8800/31 15400/9		Importance=Cb Peakc/s=111 CaPeak.c/s=32 Peak3c/s=86 III/1 1415/14 2695/11 4	SMM Pointing:	HaClass=SN	Importance=C4 CaPeak.c/s=185 Wavelength=1375A	SMM Pointing:	Importance=B3 Peakc/s=145 Wavelength=2788A		SMM Pointing:	HaClass=SF	Peakc/s=84 Wavelength=1375A	SMM Pointing:	HaClass=SN	Peakc/s=163 Wavelength=1375A
ogmit + boo	° −	iles	σ		ı tımes	06:17	the times	22:00 21:52:25		+	2	05:16:07	- tung		05:50:54
DOY=193	04:41 04:40 04:40 04:43 cy (MHz)/F		04:59 05:3/ 05:12 05:01:29 05:02:14 05:02:40 05:01 05:02 05:02 05:02 Type/Intensity Frequency(MHz)/Flux(sfu)	D0Y=193	reak 06.17	06:16	D0Y=193	21:53 21:52:01		DOY=194	r cak	05:15:42	DOY=194	r Ran Ran Ran Ran Ran Ran Ran Ran Ran Ran	05:50:43
# = 7933 /12,04:41		Event # = 7934 85/07/12,05:37 Start Optical	04:59 05:01:29 05:01 Sweeps Frequenc	Event # = 21157 85/07/12,06:17	Start 3] 06.13	06:11 07:16	# = 7940 '12,21:53	21:50 S 21:51:44 21:26		t # = 8489 7/13,05:15	Jear t	05:15:37 05:17	t # = 8490 7/13,05:50	Jtai t al	05:50:27 05:37
Event 85/07/	GOES HXRBS BCS FCS UVSP Radio	Event 85/07, Optica	HXRBS HXRBS BCS FCS Radio S	Event 85/07/	Optica	WSP WSP	Event 85/07/	GOES HXRBS UVSP		Event 85/07/	Optica	HXRBS UVSP	Event 85/07/	Optica	HXRBS UVSP

Event # = 849 85/07/13,06:0	1 4 DOY=194		SMM Pointing:	S18W85		Pitch=+291", Yaw	, Yaw=-898", Rol	, Roll=Odeg	H.Ang=87deg
Start B 60ES 05:59 (HXRBS 06:01:27 (UVSP 05:56 Radio Frequency	tart Peak End tim 5:59 06:04 06:11 6:01:27 06:01:45 06:02:5 5:56 Frequency(MHz)/Flux(sfu)	End times 06:11 5 06:02:55 Flux(sfu):	<pre>Importance=C1 Peakc/s=78 Wavelength=1375A 4995/11 8800/25 1</pre>	Qual=01 Qual=01 5A Code=00 15400/16	Tot Cts=1040 Exp #=31006	MaxkeV=50 Rast=30"x30"	Flags=I Step=0"	Pitch=+282'	Pitch=+282",Yaw=-896"
Event # = 8492 85/07/13,07:02	2 2 DOY=194 Best	- Pag	SMM Pointing:	S18W85		Pitch=+291", Yaw	, Yaw=-898", Rol	, Roll=Odeg	H.Ang=87deg
Optical		07.33	HaClass=SN	\$14W81	AR4671	Mac.=CKO	Carr.Lon.=1deg	=1deg	H.Ang=82deg
HXRBS 06:56: BCS 06:56:	:19 06:57:31 06:59 06:59	1 06:59:13 07:37	Peakc/s=144 CaPeak.c/s=127	Qual=01 Qual=1	Tot Cts=6380 FePeak=06:58	MaxkeV=71 FePeak.c/s=31	Flags=I #Peaks=1	-600	XEN=519400
	06:53 Frequency(MHz)/Flux(sfu)	تاux(sfu):	Feak3C/>=364 Wavelength=1375A Code=00 4995/21 8800/36 15400/21	Code=00 15400/21	Exp #=31010	Kast=30"x30" Rast=30"x30"	Step=0"	odu= 9228 Pitch=+292"	1.024s/pixel ',Yaw=-886"
Event # = 8493 85/07/13,08:49	3 9 DOY=194	1	SMM Pointing:		AR4671				
Optical		End cilles	HaClass=SB	S15W78	AR4671	Mac.=CKO	Carr.Lon.=357deg	=357deg	H.Ang=80deg
GUES 08:46 HXRBS 08:48:51 BCS 08:49 FCS	08:49 08:49:1 08:49:1	3 08:51 08:50	Importance=69 Peakc/s=337 CaPeak.c/s=42 Peak3c/s=64	Qual=01 Qual=01 Qual= 1	Tot Cts=2790 FePeak=08:49	MaxkeV=135 FePeak.c/s=16 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	Cad= 129s	XEN=519406 129.0s/pixel
UVSP 08:45	?		Wavelength=1375A	Code=00	Exp #=31020	Rast=30"x30"	Step=0"	2	", Yaw=-896"
Event # = 849 85/07/13,11:3	i	1	SMM Pointing:		AR4671				
Start GOES 11:30 HXRBS 11:32:15 UVSP 11:35	reak 11:37 11:32:3	11:42 3 11:32:41	Importance=B6 Peakc/s=86 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=298 Exp #=31033	MaxkeV=71 Rast=243"x243"	Flags=I Step=3"	Pitch=+295'	Pitch≈+295",Yaw≖-889"
Event # = 849 85/07/13,13:2			SMM Pointing:		AR4671				
60ES 13:17 HXRBS 13:16:53 BCS 13:19	13:21 13:21 13:21	13:26 13:20:53 13:30	Importance=C2 Peakc/s=656 CaPeak.c/s=129	Qual=01 Qual=01 Qual= 1	Tot Cts=1810 FePeak=13:21	MaxkeV=135 FePeak.c/s=26	Flags=I #Peaks=I	dt= 3.8s	XEN=519407
	13:26 3:08 Frequency(MHz)/Flux(sfu)		Peak3c/s=443 Wavelength=2788A 15400/260	Code=00	Exp #=31034	Kast=U"XU" Rast=243"x243"	Step=0" Step=3"	Lad=1.02s Pitch=+295"	i.Uz4s/p1xel ",Yaw=-889"
Event # = 7941 85/07/13,19:51 Start	11 DOY=194	Fnd times	SMM Pointing:			Pitch=-363", Yaw=-937", Roll=Odeg	r=-937", Ro1]=0deg	
GOES HXRBS 19:50: UVSP 19:39	_	19:	Peakc/s=84 Wavelength=2788A	Qual=06 Qual=01	Exp #=31039	MaxkeV=50 Rast=243"x243"	Step=3"	Pitch=+113	Pitch=+113",Yaw=-926"

H.Ang=87deg	Pitch=+295", Yaw=-889"		H. Ang=60deg			H.Ang=36deg			H.Ang=87deg		H.Ang=86deg	00Z0Z9	8s 768.0s/pixel 135", Yaw=+945"	H.Ang=86deg	s XFN=520701	() () () () () () () () () () () () () (Cad= 768s 768.0s/pixel Pitch=+135", Yaw=+945"	8s 768.0s/pixel 135", Yaw=+945"	8s 768.0s/pixel 135", Yaw=+945" H.Ang=82deg	8s 768.0s/pixel 135", Yaw=+945" H.Ang=82deg	8s 768.0s/pixel 135", Yaw=+945" H.Ang=82deg XEN=520800
Pitch=+291", Yaw=-898", Roll=Odeg	MaxkeV=50 Rast=243"x243" Step=3" Pitch=+2		Pitch=+266", Yaw=+773", Roll=Odeg	MaxkeV=283 Flags=NS,GB		Pitch=+276", Yaw=+489", Roll=Odeg	MaxkeV=135 Flags=NS,GB		Pitch=+131", Yaw=+936", Roll=Odeg	MaxkeV=422 Flags=NS,GB	Pitch=+130", Yaw=+935", Roll=Odeg	#Deade=1	Rast=0"x0" Step=0" Cad= 768s 7 Rast=265"x265" Step=5" Pitch=+135",	Pitch=+130", Yaw=+935", Roll=Odeg	#Peaks=1	Sten=0"		Step=5"	Step=5" =+934", Roll:	Step=5" +934", Roll3	Step=5" =+934", Roll: #Peaks=1
	Exp #=31042	8 D0Y=199		Tot Cts=1062	9 DOY=200		Tot Cts=74	6 D0Y=207		Tot Cts=404		FePeak=22:20	Exp #=31129		FePeak=22:39	Exn #=31129	/J*** # /VJ			.	.
S18W85	Qual=06 Qual=01	85/07/18	S14E57	Qual=01 Qual=01	85/07/19	\$13E32	Qual=01	85/01/26	S08E86	Qual=01	S07E85	Qua]=01 Qua]= 1	Code=00	S07E85	Qua]=02 Qua]= 3	Code=00		85/07/27	85/07/27 N05E82	85/07/2/ N05E82 Qual=01	85/07/27 N05E82 Qual=01 Qual= 1
SMM Pointing:	Peakc/s=93 Wavelength=2788A		SMM Pointing:	Importance=A4 Peakc/s=170		SMM Pointing:	Peakc/s=77		SMM Pointing:	Peakc/s=62	SMM Pointing:	Importance=C1 CaPeak.c/s=29	Peak3c/s=15 Wavelength=1375A	SMM Pointing:	Importance=C1 CaPeak.c/s=23	Peak3c/s=13 Wavelength=1375A			SMM Pointing:	SMM Pointing: Importance=86	Pointing ortance=Beak.c/s=2
Fnd times	21:0		+ TC	00:43 00:43 00:41:02		+ TG	23:35:07		1 to 1	03:12:42		End times 22:32 22:25			Ç E					■es) v
DOY=194	21:		D0Y=199	00:40 00:40:45		DOY=200	23:35:04		D0Y=207	03:12:12	D0Y=207	Peak 22:21 22:20	22:22	D0Y=207	22:40 22:40	22:38			D0Y=208	D0Y=208 Peak 07:26	DOY=208 Peak 07:26 07:24
: # = 7942 //13,21:05 Start		1 1		00:40:23	1 1	f = 12/41 $f = 12/41$ $f = 12/41$ $f = 12/41$	23:35:01		# = 12742 /26,03:12	03:11:53	# = 21158 /26,22:21	Start 22:09 22:16	21:54	# = 21159 /26,22:40	22:34 22:38 22:38	21:54			0_	0	
Event 85/07,	GOES HXRBS UVSP		Event 85/07/	GOES HXRBS		85/07/	HXRBS		Event 85/07/	HXRBS	Event 85/07/		FCS UVSP	Event 85/07/	GOES	FCS UVSP			Event 85/07/	Event 85/07/ GOES	5/0/5 5/0/5 0ES

State Stat					85/01/58	9 D0Y=210			
DOY=210 Pack # = 127 /29,01:5	3 DOY=21	.;	ο.	S19E76			=+868", Roll=0deg	H.Ang=78deg	
DOY=210	Start RBS 01:53 SP 01:50	Peak 9 01:53:	End time 01:54:03	eak ave			MaxkeV=158 Rast=265"x265"	Flags=NS,GB Step=5" Pitch=⊣	+332", Yaw=+873"
16:03 16:15 16:04:26 16:04:26 16:04:26 16:05 16:03 16:15 16:04:26 16:04:26 16:05	ent # = 797 /07/29,16:0;	D0Y=21	1	Pointing	S19E68		Pitch=+338", Yaw	=+829", Roll=0deg	H.Ang=71deg
18.03 16.15 18.04 18.05 18.0	Start tical	reak	וומ רווופא		\$17E60	AR4682	Mac.=CKO	Carr.Lon.=3deg	H.Ang=63deg
16:03	15:58 3 16:02 16:03	2 16:03: 16:03:	16:35 16:04:26 16:16		Qual=01 Qual=01 Qual= 6	FePeak≖16:08	MaxkeV=50 FePeak.c/s=10		
BDV=212 SHM Pointing: NG6E28 Pitch=-16", Yaw=+449", Roll=odeg Inch=-16", Yaw=+449", Roll=odeg Inch=-22deg		0:9		5A	code=00	Exp #=31224	Rast=240"x240" Rast=265"x265"		90s 1.024s/pixel +344",Yaw=+835"
DOY=212 SMM Pointing: NO6E28 Pitch=-16", Yaw=+449", Roll=Odeg Peak Peak HaClass=SF Nu4E21 AR4680 Max.eb=50 Carr.Lon.=22deg Parch=-16", Yaw=+449", Roll=Odeg 03:35.38 13:35.38 03:35.36 Importance=85 Qual=01 Raxkeb=50 Raxeb=50 Raxeb=50 Raxeb=50 Raxeb=50 Ppitch=+5", Yaw=+449", Roll=04eg Ppitch=+5", Yaw=+221", Roll=04eg Ppitch=-6", Yaw=+221", Roll=04eg Ppitch=+5", Yaw=+221", Roll=04eg Ppitch=-6", Yaw=+221", Roll=04eg Ppitch=-6", Yaw=+221", Roll=04eg Ppitch=-6", Yaw=+221", Roll=04eg Ppitch=-6", Yaw=+221", Yaw=+221", Yaw=+321",					85/07/3			MARION OF THE THE WAS WASHINGTON TO THE WASHINGT	
Preak Fild times HaClass=SF NO4E21 AR4680 Mac.=D51 Carr.Lon.=22deg Inportance=B2 Qual=03 Qual=04 Qual=04 Qual=04 Qual=05 Qu	# = 797 /31,03:3	D0Y=21	1	Pointing	N06E28		Pitch=-16", Yaw=	+449", Roll=0deg	H.Ang=28deg
03.35:38 03:36:06 peakc/s=71 Qual=02 peakc/s=71 Qual=03 peak	start tical		ې ت	Class=SF	N04E21	AR4680	Mac.=DSI	Carr.Lon.=22deg	H.Ang=21deg
Type/Intensity: III/1	03:34: 03:34: 03:21	03:3/ 8 03:35:2	03:36 8 03:36	tance=62 c/s=71 ength=1375A	Qual=03 Qual=01 Code=00	Exp #=31269	MaxkeV=50 Rast=40"x40"		+5", Yaw=+370"
DOY=213 SMM Pointing: NO6E14 Pitch=-6", Yaw=+221", Roll=Odeg Peak Peak Oual=00 Oual=00 Maxkev=50 Maxkev=50 Pitch=-6", Yaw=+221", Roll=Odeg DOY=213 Wavelength=1375A Qual=01 Exp #=31305 Rast=265"x265" x265" Step=5" Pitch=-23", Yaw=+976", Roll=Odeg DOY=213 SMM Pointing: Qual=01 Exp #=31307 Rast=265"x265" Step=5" Pitch=-237", Yaw=+976", Roll=Odeg DOY=218 End times SMM Pointing: ST/W43 Pitch=-621", Yaw=-346", Roll=90deg Pitch=-236" DOY=218 End times SMM Pointing: ST/W43 Pitch=-621", Yaw=-346", Roll=90deg Pitch=-236" DOY=218 End times SMM Pointing: ST/W43 Pitch=-621", Yaw=-640", Roll=0deg DOY=218 End times HaClass=SF S14W47 AR4682 Mac.=CS0 Carr.Lon.=1deg 21:10 21:39 Importance=B6 Qual=01 Pitch=-344", Yaw=-640", Roll=0deg Pitch=-344", Yaw=-640", Roll=0deg 21:09 CaPeak.c/s=18 Qual=01 FePeak=21:09 FePeak.c/s=6 #Peak	Sweeps Frequ	Type/	Intensity Flux(sfu)	20 410/56	9/4				
DOY=213 Peak Oual=00 05:42:52 05:44:05 Peakc/s=74 Oual=01 DOY=213 DOY=213 DOY=213 DOY=213 DOY=213 DOY=213 DOY=214:05 DOY=213 DOY=215 DOY=215 DOY=215 DOY=215 DOY=216 DOY=216 DOY=218					85/08/0				
05:42:52 05:44:05 Peakc/s=74 Qual=01 Exp #=31305 Rast=265"x265" Step=5" Pitch=-2",Y Wavelength=1375A Qual=01 Exp #=31305 Pitch=+237", Yaw=+976", Roll=0deg Peak Qual=01 Exp #=31307 Pitch=+237", Yaw=+976", Roll=0deg Qual=01 Exp #=31307 Pitch=+237", Yaw=+976", Roll=0deg Peak Qual=01 Exp #=31307 Pitch=-621", Yaw=-346", Roll=90deg Peak Bast=265"x265" Step=5" Pitch=-236" Pitch=-	# = 797 '01,05:4 Start	. DOY=21	+	Pointing	N06E14		Pitch=-6",Yaw≖+	221", Roll=Odeg	H.Ang=13deg
DOY=213 Peak End times Oual=00 O7:18:54 O7:21:07 Peakc/s=73 Qual=01 Boy=218 End times DOY=218 Box=21:09 DOY=218 SMM Pointing: SMM Pointing: SMM Pointing: SMM Pointing: SMM Pointing: SMM Pointing: SMM Pointing: SMM Pointing: S17W45 DOY=218 Box=21:09 DOY=218 Bitch=+237", Yaw=+976", Roll=0deg MaxkeV=50 MaxkeV=50 MaxkeV=50 MaxkeV=50 RaxkeV=50 RaxkeV=50 RaxkeV=50 Pitch=+237", Yaw=+976", Roll=0deg Pitch=-437", Yaw=+976", Roll=0deg Pitch=-236" RaxkeV=50 MaxkeV=50 MaxkeV=50 Pitch=-621", Yaw=-346", Roll=90deg Pitch=-344", Yaw=-640", Roll=0deg Pitch=+344", Yaw=-640", Roll=0deg Pitch=-344", Yaw=-640", Roll=0deg Pitch=-621", Yaw=-640", Roll=-621", Yaw=-640", Roll=0deg Pitch=-621", Yaw=-640", Roll=-621", Roll=	05:42 05:20	8 05:42:5	05:44	V 41			MaxkeV=50 Rast=265"x265"		-2", Yaw=+231"
07:18:54 07:21:07 Peakc/s=73 Qual=01 Exp #=31307 Rast=265"x265" Step=5" Pitch=-236" Peakc/s=73 Qual=01 Exp #=31307 Rast=265"x265" Step=5" Pitch=-236" Powerlands	ont # = 798 08/01,07:1	D0Y=21	, i				Pitch=+237", Yaw	=+976", Roll=0deg	
# = 8511 06,18:28	S	7:18:5	4 07:21	Peakc/s=73 Wavelength=1375A		Exp #=31307	MaxkeV=50 Rast=265"x265"		-236", Yaw=+983"
# = 8511 06,18:28					85/08/0				
Start Peak End times 18:28 18:45 Importance=82 Qual=02 Tot Cts=282 MaxkeV=71 Flags=I 18:26:02 18:26:36 Peakc/s=66 Qual=01 Tot Cts=282 MaxkeV=71 Flags=I 18:26:02 18:26:36 Peakc/s=66 Qual=01 Tot Cts=282 MaxkeV=71 Flags=I 18:26:02 18:26:36 Peakc/s=56 Peakc/s=6 Peaks=I 18:26:02 18:26:36 Peakc/s=6 Peaks=1 18:26:02 18:26:36 Peaks=1 18:26:02 Peakc/s=6 Peaks=1 18:26:02 Peaks=1 FePeaks=21:09 FePeaks=1 18:26:02 Peaks=1 FePeaks=21:09 Pepeaks=1 18:26:03 Peaks=1 FePeaks=21:09 Pepeaks=1 18:26:03 Peaks=1 FePeaks=21:09 Pepeaks=1 18:26:04 Peaks=1 FePeaks=1 18:26:05 Peaks=1 FePeaks=1 18:26:05 Peaks=1 FePeaks=1 18:26:05 Peaks=1 FePeaks=1 18:26:06 Peaks=1 FePeaks=1 18:26:06 Peaks=1 FePeaks=1 18:26:07 Peaks=1 FePeaks=1 18:26:07 Peaks=1 FePeaks=1 18:26:07 Peaks=1 FePeaks=1 18:26:08 Peaks=1 FePeaks=1 18:26:09 Peaks=1 FePeaks=1 18:26:08 Peaks=1 Peaks=1 aks=1 18:26:08 Peaks=1 Peaks=1 Peaks=1 18:26:08 Peaks=1 Peaks=1 Peaks=1 Peaks=1 18:26:08 Peaks=1 P	ent # = 851 /08/06,18:2	D0Y=21	7		S17W43		Pitch=-621", Yaw	=-346", Roll=90deg	H.Ang=49deg
# = 21161 5/06,21:10 DOY=218 SMM Pointing: S17W45 Pitch=+344",Yaw=-640",Roll=Odeg Start Peak End times Start Peak End times HaClass=SF S14W47 AR4682 Mac.=CSO Carr.Lon.=1deg 21:03 21:10 21:37 Importance=B6 Qual=01 21:09 21:09 21:09 CaPeak.c/s=18 Qual= 1 FePeak=21:09 FePeak.c/s=6 #Peaks=1) tart 18:23 5 18:26	Peak 18:28 18:26:	End time 18:45 18:26:36		Qual=02 Qual=01		MaxkeV=71	Flags=I	
Start Feak Cild Cilless=SF S14W47 AR4682 Mac.=CS0 Carr.Lon.=1deg 21:03 21:10 21:37 Importance=B6 Qual=01 21:09 21:09 21:09 CaPeak.c/s=18 Qual=1 FePeak=21:09 FePeak.c/s=6 #Peaks=1	= 211 06,21:1	200	+ 700	Pointing	S17W45		Pitch=+344", Yaw	=-640", Roll=0deg	H.Ang=50deg
21:03	(a)			HaClass=SF	S14W47	AR4682	Mac.=CSO	Carr.Lon.=ldeg	H.Ang=51deg
	72	21:10 21:09	60:	importance=86 CaPeak.c/s=18	Qual=01 Qual= 1	FePeak=21:09	FePeak.c/s=6	#Peaks=1	XEN=521800

85/08/07.03:12 DOY=219		SMM Pointing.	C17W48		V "04C+-42+i0	10 HO 11 HOLD - 11	
e bor≡cı Peak	End times	Smm Pointing:	SI / W48		Pitch=+340",Ya	Pitch=+340", Yaw=-670", Roll=Odeg	H.Ang=52deg
03:12		HaClass=SF Importance=B4	\$12W53 Oual=01	AR4682	Mac.=CSO	Carr.Lon.=4deg	H.Ang=56deg
03:12 03:12 Sweeps Type/1	03:12 'Intensity:	CaPeak.c/s=18 III/1	Qual= 1	FePeak=03:12	FePeak.c/s=16	#Peaks=1	XEN=521900
7001			85/08/08	D0Y=220			
85/08/08,07:48 DOY=220 Start Peak	Fnd + imes	SMM Pointing:	S19W64		Pitch=+349",Ya	Pitch=+349", Yaw=-803", Roll=Odeg	H.Ang=67deg
	07:55	HaClass=SN	S11W69	AR4682	Mac.=CSO	Carr.Lon.=4deg	H.Ang=71deg
07:42:45 07:44:49 07:43 07:47 07:57	7	Peakc/s=319 CaPeak.c/s=285 Peak3c/s=52	Qual=01 Qual=1	Tot Cts=22581 FePeak=07:47	MaxkeV=92 FePeak.c/s=61 Rast=0"x0"	#Peaks=1 dt= 3.8s Sten=0" Cad= 769s	8s XEN=522000
~		1415/5 2695/30 49	4995/30				
1	l l	SMM Pointing:			Pitch=+4",Yaw≖	Pitch=+4", Yaw=+1252", Roll=Odeg	
15:42 15:50 15:47:48 15:48:09 15:33	16:01 15:49:58	Importance=Bl Peakc/s=81 Wavelength=1375A	Qua}=01 Qua]=01	Tot Cts=652 Exp #=31486	MaxkeV=50 Rast=180"x1"	Step=0" Pitch=	Pitch=+86",Yaw=+1021"
11.62			85/08/09	D0Y=221			
2:24 DOY=221	Fnd times	SMM Pointing:	S14W85		Pitch=+243", Ya	Pitch=+243", Yaw=-915", Roll=Odeg	H.Ang=87deg
60ES 02:15 02:24 BCS 02:21 02:23 FCS 02:22	•	<pre>Importance=89 CaPeak.c/s=48 Peak3c/s=441</pre>	Qual=01 Qual= 1 F	FePeak=02:22	FePeak.c/s=18 Rast=0"x0"	#Peaks=1 Step=0" Cad= 12	XEN=522100 129s 129.0s/pixel
			85/08/11	D0Y=223			
Event # = 7983 85/08/11,05:08 DOY=223 Start Peak	End times	SMM Pointing:		•	Pitch=+344", Ya	Pitch=+344", Yaw=+938", Roll=Odeg	
	05:08:44	Peakc/s=93	Qual=00 Qual=01	Tot Cts=376	MaxkeV=422		
			85/08/20	D0Y=232			
# = 12/44 /20,14:52 DOY=232 Start Peak	+ i	SMM Pointing:		1	Pitch=-2", Yaw=+980", Roll=Odeg	-980", Roll=0deg	
52:09 14:52:42	14:53:07	Peakc/s=90	Qual=01 T	Tot Cts=440	MaxkeV=283	Flags=NS, GB	
7003			85/08/26	D0Y=238			
/26,08:24 DOY=238 Start Peak	End times	SMM Pointing:			Pitch=+478",Yaw	Pitch=+478", Yaw=+860", Roll=Odeg	
~	08:24:32	Peakc/s=85	Qual=00 Qual=01		MaxkeV=125		

Event # = 12745 85/08/26,12:54	D0Y=238		SMM Pointing:	N06E32		Pitch=+0", Yaw=+499", Roll=Odeg	99", Roll=0deg	H.Ang=32deg	l
Start HXRBS 12:54:22	Peak 12:54:24	End times 12:54:29	Peakc/s=46	Qual=01 1	Tot Cts=28		Flags=NS, GB		ļ
				85/08/27	D0Y=239				I
Event # = 12746 85/08/27,23:08	D0Y=239	-	SMM Pointing:	N05E16		Pitch=+30", Yaw=+261", Roll=Odeg	261",Roll=Odeg	H.Ang=16deg	
Start HXRBS 23:08:1	Peak 23:08:16	23:08:24	Peakc/s=67	Qual=01	Tot Cts=103	MaxkeV=255	Flags=NS,GB		1
				85/08/30	D0Y=242	Management & Manag			
Event # = 7997 85/08/30,15:44	ŀ	7	SMM Pointing:	S23E03		Pitch=+477",Yaw=+51",Roll=Odeg	+51",Roll=0deg	H.Ang=30deg	
Start GOES HXRBS 15:44:20	Peak :0 15:44:53	15:45:35	Peakc/s=74	Qual=00 Qual=01		MaxkeV=55			
				85/08/31	D0Y=243				
Event # = 7998 85/08/31,11:16	1		SMM Pointing:	N08W19		Pitch=-18",Yaw=-	, Yaw=-307", Roll=0deg	H.Ang=19deg	
Start GOES HXRBS 11:16:26	Peak 26 11:16:48	End times 11:18:43	Peakc/s=68	Qua]=00 Qua]=01		MaxkeV=55			
				85/09/03	D0Y=246				1
Event # = 7999 85/09/03,23:29) DOY=246		SMM Pointing:	S18W55		Pitch=+357",Yaw⁼	Pitch=+357", Yaw=-739", Roll=Odeg	H.Ang=59deg	
Start GOES HXRBS 23:29:3		End times 23:30:43	Peakc/s=83	Qual=00 Qual=01		MaxkeV=175			
				85/09/13	D0Y=256				
Event # = 21164 85/09/13,07:34 Start Optical GOES 07:23 BCS 07:29 FCS	64 DOY=256 Peak 07:34 07:29	End times 08:01 07:30	HaClass=SF Importance=C2 CaPeak.c/s=35 Peak3c/s=66	\$14E81 Qual=03 Qual= 2	AR4694 FePeak=07:30	Mac.=BKO FePeak.c/s=10 Rast=0"x0"	Carr.Lon.=99deg #Peaks=1 dt= 7.7s Step=0" Cad=16.4s	H.Ang=83deg s XEN=525600 4s 16.38s/pixel	1
				85/09/15	D0Y=258				
Event # = 8528 85/09/15,07:37 Start	8 7 D0Y=258 Peak	End times	SMM Pointing:			Pitch=-233",Yaw	Pitch=-233", Yaw=+983", Roll=Odeg	מפליאל = ממע ע	
Optical GOES 07:27	07:37	07:43		\$11E53 Qual=03	AR4694 Tot Cts=3390	Mac.=C50 MaxkeV=97	<pre>Carr.Lon.=100ueg Flaqs=I</pre>	fanc-filv-u	
HXRBS U/:33: BCS 07:42 FCS Radio Frequ	0/:33:40 0/:34:39 0/:30:4 07:42 07:42 07:45 07:43 Frequency(MHz)/Flux(sfu)		CaPeak.c./s=27 Peak3c/s=27 606/18 1415/17	$\tilde{\mathbf{x}}$	FePeak=07:42	FePeak.c/s=12 Rast=240"x240"	#Peaks=1 Step=10" Cad= 590s	XEN=525800 Os 1.024s/pixel	
									İ

t # = 8005 9/17,01:01 Start									
	DOY=260 Peak	Fnd times	SMM Pointing:	S11E31		Pitch=+281", Ya	Pitch=+281", Yaw=+483", Roll=Odeg		H.Ang≈36deg
GOES HXRBS 01:00:54	01:01:12	01:0	Peakc/s=73	Qual=00 Qual=01		MaxkeV=236			
ent # = 8531				85/09/20	D0Y=263				
/20,20:06 Start	D0Y=263 Peak	End times	SMM Pointing:	S11W27		Pitch=+284",Ya	, Yaw=-426", Roll=Odeg		H.Ang=32deg
_	20:06:24	20:02	Peakc/s=117 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=246 Exp #=31861	MaxkeV=480 Rast=265"x265"	Flags=I,AX Step=5"	Pitch=+288",\	, Yaw=-417"
7VL = # +00				85/09/27	7 D0Y=270				
	00Y=270	End +imoc	SMM Pointing:			Pitch=+181",Ya	Pitch=+181",Yaw=-970",Roll=Odeg	_	
HXRBS 11:46:16 UVSP 12:42	11:46:33	11:46:51	Peakc/s=112 Wavelength=2788A	Qual=01	Tot Cts=1240 Exp #=32120	MaxkeV=303 Rast=180"x1"	Flags=NS,GB Step=O" Pitch=+186"	ו=+186", ץ	, Үаw=-788"
7.00		1.00	1.00	85/10/12	D0Y=285				
85/10/12,10:44 (D0Y=285	+	SMM Pointing:			Pitch=-234",Yaw	, Yaw=+991", Roll=Odeg		
	10:44:34	10:44:43	Peakc/s=69	Qual=01	Tot Cts=196	MaxkeV=271	Flags=NS,GB		
				85/10/16	5 D0Y=289				
Event # = 21165 85/10/16,19:56 Start	DOY=289	End +imos	SMM Pointing:	N03E79		Pitch=-33", Yaw=	, Yaw=+945", Roll=0deg	Ė	H.Ang≈79deg
	19:56 19:56 19:55	Λ	Importance=B8 CaPeak.c/s=33 Peak3c/s=15 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=19:55 Exp #=32204	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Cad= 590s Step=0" Pitch=-30",	XE 590s 1. =-30", Ya	XEN=528900 1.024s/pixel , Yaw=+874"
				85/10/17	D0Y=290				
	0	, i .	SMM Pointing:	N03E73		Pitch=-23", Yaw=	Yaw=+920", Roll=0deg	±	H.Ang=73deg
HXRBS 09:33:29 (UVSP 09:49	09:33:30	09:33:35	Peakc/s=83 Wavelength=2788A	Qual=01	Tot Cts=207 Exp #=32217	MaxkeV=305 Rast=180"x1"	Flags=NS,GB Step=0" Pitch=-18"	=-18", Ya	, Yaw=+843"
100 - 4				85/10/19	D0Y=292				
= 0011),04:59 start	DOY=292 Peak	Fnd times	SMM Pointing:	N01E44		Pitch=+48",Yaw=	, Yaw=+676", Roll=0deg	±	.Ang=45deg
04:56		:02	HaClass=SB	NO4E33	AR4698	Mac.=CKO	Carr.Lon.=33deg		H.Ang=33deg
HXRBS 04:58:32 04:58:41 04:58:5 UVSP 04:51 Radio Sweeps , Type/Intensity	04:58:41 Type/In	o	c/s=89 ength=1375A	Qual=01 Code=00	Exp #=32325	MaxkeV=60 Rast=10"x10"	Step=0" Pitch=	Pitch=-35",Yaw=+768"	.w=+768"
	/(MHz)/FI		245/2200 410/30 6	06/7 1415	/4 2695/3 4995/	/3 8800/4			

				85/10/22	DOY=295				
Event # = 21166 85/10/22,03:20	D0Y=295		SMM Pointing:	03, 13, EE		Pitch=+54", Yaw=+187"	+187", Roll=Odeg	-0deg	H.Ang=12deg
Start Optical Optical	Peak	End times		N09E13 N07E03	AR4699 AR4698	Mac.=DSI	Carr.Lon.= Carr.Lon.=	14deg 24deg	H.Ang=13deg H.Ang=3deg
GÖES 03:06 03:20 03:29 BCS 03:08 03:25 04:02 FCS 03:14 Type/Intensity Radio Frequency(MHZ)/Flux(sfu)	03:20 03:25 03:33 Type/I	** **	Importance=C2 CaPeak.c/s=48 Peak3c/s=361 Wavelength=1375A (1/1 1/1	Qua =02 Qua = 1 A Code=00 606/42	FePeak=03:25 Exp #=32518	FePeak.c/s=6 Rast=0"x0" Rast=10"x10"	#Peaks=3 Step=0" Step=0"	dt= 7.7s Cad= 129s Pitch=-46",	XEN=529500 129.0s/pixel ,Yaw=+150"
Event # = 21167 85/10/22,04:41 Start GOES BCS 04:39 FCS 04:41	DOY=295 Peak 04:41 04:50	End times 05:37	SMM Pointing: CaPeak.c/s=58 Peak3c/s=349 Wavelength=1375A	NO2E11 Qual=00 Qual= 5	FePeak=04:40 Exp #=32523	Pitch=+54", Yaw=+187", Roll=Odeg FePeak.c/s=11 #Peaks=1 Rast=0"x0" Step=0" Cad= Rast=265"x265" Step=5" Pitc	+187", Roll= #Peaks=1 Step=0" Step=5"	129s h=+58"	H.Ang=12deg XEN=529501 129.0s/pixel ,Yaw=+188"
140			SMM Pointing:	N02E11		Pitch=+54", Yaw=+177", Roll=0deg	+177", Roll:	=0deg	H.Ang=11deg
Star OES 05:2 CS 05:2 CS VSP 05:2	Peak 05:32 05:32 05:32	End times 05:41 05:37	Importance=Cl CaPcak.c/s=39 Peak3c/s=193 Wavelength=1375A	Qual=03 Qual= 3 Code=00	FePeak=05:32 Exp #=32527	FePeak.c/s=11 Rast=300"x300" Rast=265"x265"	#Peaks=2 Step=10" Step=5"	dt= 7.7s Cad= 922s Pitch=+58",	XEN=529505 1.024s/pixel ,Yaw=+182"
Event # = 21169 85/10/22,08:00 Start Optical GGES 07:47 BCS 07:55 FCS	9 DOY=295 Peak 08:00 07:58 08:04	End times 08:20 08:07	SMM Pointing: HaClass=SN Importance=C1 CaPeak.c/s=50 Peak3c/s=203 Wavelength=1375A	NO2E09 NO7E08 Qual=01 Qual= 1 Code=00	AR4699 FePeak=07:57 Exp #=32536	Pitch=+54", Yaw= Mac.=DSI FePeak.c/s=10 Rast=0"x0" Rast=10"x10"	,Yaw=+151",Roll=Odeg Carr.Lon.=17de =10 #Peaks=1 dt= Step=0" Cad= O" Step=0" Pitc	g 7.7s 129s h=-50"	H.Ang=10deg H.Ang=8deg XEN=529506 129.0s/pixel ,Yaw=+91
Event # = 21170 85/10/22,08:30 Start GOES 08:20 BCS 08:24 FCS UVSP 08:18	0 007=295 Peak 08:30 08:29 08:40	End times 08:35 08:45	SMM Pointing: Importance=C1 CaPeak.c/s=47 Peak3c/s=334 Wavelength=1375A	NO2E09 Qual=01 Qual= 1 Code=00	FePeak=08:30 Exp #=32538	Pitch=+54",Yaw=+151",Roll=Odeg FePeak.c/s=18 #Peaks=2 dt= Rast=300"x300" Step=10" Cad= Rast=10"x10" Step=0" Pitc	=+151",Roll #Peaks=2 Step=10" Step=0"	=0deg dt= 7.7s Cad= 922s Pitch=-40",	H.Ang=10deg XEN=529508 1.024s/pixel ,Yaw=+83
Event # = 211/1 85/10/22,12:45 Start GOES 12:40 BCS 12:43 FCS 12:43	1 D0Y=295 Peak 12:45 12:45 12:45	End times 12:49 12:47	SMM Pointing: S Importance=B9 CaPeak.c/s=40 Peak3c/s=48 Wavelength=1375A	NO2E06 Qual=01 Qual= 1 Code=00	FePeak=12:44 Exp #=32548	Pitch=+55", Yaw= FePeak.c/s=15 Rast=0"x0" Rast=10"x10"	,Yaw=+107",Roll =15 #Peaks=1 Step=0" 0" Step=0"	,Roll=Odeg ks=1	H.Ang=7deg XEN=529509 768.0s/pixel , Yaw=+38"

				85/10/23	3 D0Y=296				
# = 2117	_			•					
/23, 15:05 Start	DOY=296 Peak	Fnd +imes	SMM Pointing:	N05W08		Pitch=+10",Yaw	, Yaw=-131", Roll=Odeg	=0deg	H.Ang=8deg
, -	· •			N05W10	AR4699	Mac.=EAI	Carr.Lon.=18deg	=18deg	H.Ang=10deg
BCS 14:20 BCS 15:15 FCS	15:15	15:16 15:24	Importance=C/ CaPeak.c/s=51 Deak3 c/s=77	Qual=01 Qual= 5	FePeak=15:15	FePeak.c/s=11		- 600	XEN=529601
_	.cy (MHz)/I	.5:17 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 245/14000		Exp #=32597	Rast=265"x265"	Step=10 Step=5"	cau= 390s Pitch=+14"	1.0245/plxe!, Yaw=-133"
. –	14:37	14:38	A CaPeak.c/s=21	Associated Qual= 2	Event # = 21172 FePeak=14:37		•	dt= 7.7s	XEN=529600
FCS UVSP 14:35	14:36		Peak3c/s=30 Wavelength=2788A		Exp #=32596	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=+14"	1.024s/pixel, Yaw=-123"
Event # = 8012 85/10/23,22:02 Start	DOY=296	Fod +imes	SMM Pointing:	N03W12		Pitch=+34", Yaw=	, Yaw=-201", Roll=0deg	=0deg	H.Ang=12deg
rtical rtical FS 21:50			HaClass=SN HaClass=SF	NO7W27 NO8W11	AR4698 AR4699	Mac.≖CH0	Carr.Lon.=31deg Carr.Lon.=15deg	=31deg =15deg	H.Ang=27deg H.Ang=11deg
HXRBS 22:09:52 22:10:22 22:11 UVSP 21:58 Radio Frequency(MHz)/Flux(s	cy(MHz)/F	[:20 fu):	Peakc/s=89 Wavelength=1375A 1415/18	_	Exp #=32610	MaxkeV=60 Rast=265"x265"	Step=5"	Pitch=+38"	, Үам=-196"
		t the state of the		85/10/24	4 D0Y=297				
Event # = 21174 85/10/24,08:31 Start	D0Y=297	Fnd times	SMM Pointing:	N03W17		Pitch=+32", Yaw=	, Yaw=-287", Roll=0deg	=0deg	H.Ang=17deg
tical ES 08:23	08:31	44	HaClass=SN	NO8W28	AR4699	Mac.=ESI	Carr.Lon.=26deg	=26deg	H.Ang≖28deg
٠. ا	08:34 08:33	08:42	<i>- - - - - - - - - -</i>			FePeak.c/s=15 Rast=0"x0"		dt= 7.7s Cad=3840s	XEN=529700 3840s/pixel
SP 08:35			Wavelength=1375A	Code=02	Exp #=32641	Rast=265"x265"		_	Yaw=-292"
Event # = 21175 85/10/24,09:00 Start	DOY=297 Peak	End times	SMM Pointing:	N03W18		Pitch=+32", Yaw=	, Yaw=-299", Roll=0deg	=0deg	H.Ang=18deg
tical 5 08:46	00:60	09:50	HaClass=SN	N08W28	AR4699	Mac.=ESI	Carr.Lon.=26deg	=26deg	H.Ang=28deg
BCS 08:51 FCS	09:00 09:14	09:22	Capeak.c/s=44 Peak3c/s=122		FePeak=09:00	FePeak.c/s=10 Rast=300"x300"	#Peaks=1 Step=10"	dt= 7.7s Cad= 922s	XEN=529702 1.024s/pixel
SP 08:58			Wavelength=1375A	Code=00	Exp #=32643	Rast=265"x265"		Pitch=+35",	Yaw=-296"
Event # = 8539 85/10/24,11:54	D0Y=297	End +	SMM Pointing:	NO3W20		Pitch=+30", Yaw=	, Yaw=-329", Roll=Odeg	:0deg	H.Ang=20deg
GOES 11:48 HXRBS 11:50:02 BCS 11:51	11:54 11:53:06 11:53	11:58 11:55:28 12:24	Importance=C7 Peakc/s=92 CaPeak.c/s=216	Qual=03 Qual=01 Qual= 1	Tot Cts=3750 FePeak=11:53	MaxkeV=60 FePeak.c/s=47	Flags=I #Peaks=1		XEN=529705
SP 11:38	12:0		Peak3c/s=32 Wavelength=2788A	Code=01	Exp #=32653	Rast=0"x0" Rast=180"x1"		Cad= 768s Pitch=+35",	768.0s/pixel, Yaw=-315"

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H.Ang=30deg	, Үаw≖-338"		H.Ang=32deg	H.Ang=31deg	XEN=529800	Yaw=-510"	H.Ang=39deg	H.Ang=38deg	XEN=529801	1. Yaw=-5"		H.Ang=45deg	XEN=529900	, Yaw=-681"	H.Ang=46deg	H.Ang=61deg	XEN=529902 3840s/pixel	, Yaw=-692"	H.Ang=47deg	Pitch=-64",Yaw=-709"
0deg	Flags=NS,GB Step=O" Pitch=+34",		0deg	18deg	dt= 7.7s	Pitch=+25",	-0deg	-19deg	dt= 7.7s	pitch=-611"		Jdeg	Cad=3840c	pitch=+12"	0deg	=35deg	dt= 3.8s Cad=3840s	Pitch=+11"	0deg	Pitch=-64"
', Yaw=-477", Roll=Odeg	Flags=NS,G Step=0"		, Yaw=-519", Roll=Odeg	Carr.Lon.=18deg	#Peaks=1		, Yaw=-603", Roll=Odeg	Carr.Lon.=19deg	#Peaks=1	Step=3"		.680", Roll=(#Peaks=1 c+on-0"	Step=5"	-690", Roll=	Carr.Lon.=35deg	#Peaks=1 Sten=0"	Step=5"	-711", Roll=	Step=0"
Pitch=+23", Yaw=	MaxkeV=307 Rast=180"x1"		Pitch=+21",Yaw≖	Mac.=ESO	FePeak.c/s=13	Rast=265"x265"	Pitch=+15", Yaw=	Mac.=ESO	FePeak.c/s=10	Kast=240 X240 Rast=243"X243"		Pitch=+9",Yaw=-680",Roll=Odeg	FePeak.c/s=7	Rast=265"x265"	Pitch=+8", Yaw=-690", Roll=0deg	Mac.=CKO	FePeak.c/s=85	Rast=265"x265"	Pitch=+6", Yaw=-711", Roll=Odeg	MaxkeV=60 Rast=10"x10"
	Tot Cts=150 Exp #=32656	D0Y=298		AR4699	FePeak=04:05	Exp #=32686		AR4699	FePeak=16:00	Exp #=32712	5 DOY=299		FePeak=03:00	Exp #=32735		AR4698	FePeak=04:34	Exp #=32741		Exp #=32752
N03W30	Qual=01	85/10/25	N03W33	N10W31	Qual=01 Qual= 1	Code=00	NO3W39	NO1W38_	Qual=05 Qual= 5		85/10/26	N03W45	Qual=05 Qual= 1	Code=02	N03W46	N07461	Qual=05 Qual= 5		N03W47	Qual=02 Qual=01 Code=01
SMM Pointing:	Peakc/s=69 Wavelength=2788A		SMM Pointing:	HaClass=SN	Importance=86 CaPeak.c/s=29	Peak3c/s=4/ Wavelength=1375A	SMM Pointing:	HaClass=SN	Importance=C1 CaPeak.c/s=43	Peak3c/s=202 Wavelength=2788A		SMM Pointing:	Importance=88 CaPeak.c/s=25	Peak3c/s=48 Wavelength=1375A	SMM Pointing:	HaClass=18	Importance=MZ CaPeak.c/s=497	Feak3(>-23 Wavelength=1375A 245/12	SMM Pointing:	Importance=C1 Peakc/s=57 Wavelength≃1375A
	End times 14:56:24		•	times	04:13 04:06		1	nd times	16:18 16:13			1	03:34 03:02		1	■ES	04:41 05:12		4	07:05:43
D0Y=297	Peak 14:56:20		D0Y=298	Peak	04:05 04:05	04:05	D0Y=298	Peak	15:48 16:00	16:08		D0Y=299	03:00 03:00	03:01	D0Y=299	Peak	04:25 04:34	04:37 Frequency(MHz)/Flux(sfu)	1	Peak 07:17 2 07:05:17
12749 14:56	Start 14:56:15 14:10		Event # = 21176 85/10/25,04:05	Start 1	04:01 04:04	03:27	Event # = 21177 85/10/25,15:48	Start	15:41 15:59	16:03		# = 21178 $'26,03:00$	Start GOES 02:52 BCS 03:00	03:05	Event # = 21179 85/10/26,04:25	Start al	03:52 04:34		# = 8014 /26,07:17	Start GOES 07:02 HXRBS 07:04:52 UVSP 07:03
Event # = 85/10/24,	HXRBS UVSP		Event 85/10/	Optica	GOES BCS	FCS UVSP	Event 85/10/	Optica	GÓES BCS	FCS UVSP		Event 85/10/	GOES BCS	FCS UVSP	Event 85/10/	Optica	GOES BCS	WSP Radio	Event 85/10,	GOES HXRBS UVSP

					85/10/28	8 D0Y=301				
Event	# = 21180	1								
85/10/	/28,16:25 Start	DOY=301 Peak	End times	SMM Pointing:	N03W87		Pitch=-51", Yaw=-965", Roll=Odeg	965", Roll	=0deg	H.Ang=87deg
i i		9	.10	HaClass=SF	S01W89	AR4699	Mac.=HSX	Carr.Lon.=30deg	=30deg	H.Ang≖89deg
SS	16:19	16:20	16:34	CaPeak.c/s=40	Qual= 5	FePeak=16:20	FePeak.c/s=8		dt= 7.7s	XEN=530100
UVSP	16:22	;		Wavelength=1375A	Code=00	Exp #=32913	Rast=160 x160 Rast=30"x30"	Step=10" Step=0"	Cad= 3325 Pitch=-39",	1.024s/plxel ,Yaw=-963"
+	1 - 01101				85/10/29	9 D0Y=302				
Event # 85/10/2	# = 21181 29,06:07 Start	DOY=302	É							
GOES BCS	05:42 05:48	06:07 05:50	06:18 05:51		Qual=05 Qual= 2	FePeak=05:50	FePeak.c/s=8		dt= 7.7s	XFN=530200
UVSP	06:30	05:50		Peak3c/s=31 Wavelength=1375A		Exp #=32947	Rast=300"x300" Rast=280"x280"	Step=10" Step=10"	Cad= 922s Pitch=-11",	1.024s/pixel Yaw=-989"
1	1 - 0015				85/11/13	3 D0Y=317				
85/11/1	/13,23:03 Start	D0Y=317 Peak	Fnd times	SMM Pointing:	S08E55		Pitch=+165", Yaw	, Yaw=+785", Rol	, Roll=Odeg	H.Ang=56deg
GOES HXRBS UVSP	23:02:18 22:53	23:03:49	23:0	Peakc/s=92 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=6245 Exp #=33611	MaxkeV=61 Rast=30"x30"	Sten=0"	Pi+ch=+165"	"DV=====
					05/11/14					
vent	1 = 21182				02/11/10	, UUT=316 .				
85/11/1	4,01:40 Start		Fnd times	SMM Pointing:	S08E53		Pitch=+164", Yaw=+770", Roll=Odeg	=+770", Rol	1=0deg	H.Ang≈54deg
GOES	01:09 01:29	01:40		Importance=86 CaPeak.c/s=25	Qual=04 Qual= 1	FePeak=01:31	FePeak.c/s=16		dt= 7.7s	XEN=531800
UVSP	01:26	01:34		Peak3c/s=326 Wavelength=1375A	Code=00	Exp #=33622	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad= 129s 1 Pitch=+169",	129.0s/pixel ',Yaw=+772"
Event # 85/11/1	1	D0Y=318	the times	SMM Pointing:	N08E87		Pitch=-135", Yaw	, Yaw=+960", Roll=0deg	=0deg	H. Ang=86deg
GOES HXRBS UVSP	02:55 03:08:06 03:07	03:10:48	03:50 03:12:24	Importance=B2 Peakc/s=89 Wavelength=1375A	Qual=05 Qual=02 Code=02	Tot Cts=3994 Exp #=33623	MaxkeV=61 Rast=265"x265"	Flags=SA Step=5"	Pitch=-131"	, Yaw=+969"
	49116				85/12/10	D0Y=344				
85/12/1	/ # = 21163 2/10,08:41 Start	DOY=344 Peak	Fnd times	SMM Pointing:	N06E74		Pitch=-112",Yaw	, Yaw=+932", Roll	, Roll=Odeg	H.Ang=74deg
GOES BCS FCS UVSP	08:33 08:38 08:55	08:41 08:39 08:39	1	Importance=B5 CaPeak.c/s=20 Peak3c/s=27 Wavelength=2788A	Qual=01 Qual= 1	FePeak=08:39 Exp #=34401	FePeak.c/s=17 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	X Cad= 590s 1 Pitch=-108",	XEN=534400 1.024s/pixel ", Yaw=+941"

9 D0Y=344 Peak	nd times	SMM Pointing:	N06E72		Pitch=-112", Yaw	, Yaw=+922", Roll=0deg]=0deg	H.Ang=72deg
		Importance=86 (CaPeak.c/s=20 (Peak3c/s=24	\ual=04 \ual= 5 \cde=00	FePe Exp	FePeak.c/s=16 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=3840s Pitch=-108"	XEN=534402 3840s/pixel ", Yaw=+936"
			85/12/1	5 D0Y=349				
349		SMM Pointing:	N02E06		Pitch=-50", Yaw=+106"	+106", Roll=0deg	=0deg	H.Ang=7deg
	rames.	HaClass=SN	N03E08	AR4708	Mac.=DRO	Carr.Lon.=26deg	=26deg	H.Ang=9deg
1 6:23 0	06:15 06:07:52 06:14	Importance=U1 Peakc/s=98 CaPeak.c/s=56 Peak3c/s=243 Wavelength=2788A	Qual=01 Qual=01 Qual= 1 Code=01	FePeak=06:09 Exp #=34553	MaxkeV=61 FePeak.c/s=17 Rast=240"x240" Rast=180"x1"	#Peaks=2 Step=10" Step=0"	Cad= 590s Pitch=-44"	XEN=534900 1.024s/pixe1 ',Yaw=+130"
349	- + - PG2	SMM Pointing:	N03W04		Pitch=-64",Yaw=-61"	-61", Roll=Odeg	0deg	H.Ang=5deg
തയത	19:01 18:40	Importance=Cl CaPeak.c/s=30 Peak3.c/s=16 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=18:38 Exp #=34568	FePeak.c/s=9 Rast=115"x115" Rast=243"x243"	#Peaks=1 Step=5" Step=3"	Cad= 542s Pitch=-62"	XEN=534901 1.024s/pixel ,Yaw=-48"
D0Y=349		SMM Pointing:		i.	Pitch=+346", Yaw=-965"	=-965",Rol	,Roll=Odeg	
	End times	HaClass=SB	S09E22	AR4709	Mac.=DRO	Carr.Lon.=3deg	=3deg	H.Ang=23deg
22:17 22:16:10 cy(MHz)/F1	22:19 22:17:05 ux(sfu):	Importance=C2 Peakc/s=145 Wavelength=1375A 245/550 410/310 6	Qual=01 Qual=01 506/89 14	Qual=U1 Qual=O1 Tot Cts=1998 5A Exp #=34570 0 606/89 1415/51	MaxkeV=61 Rast=265"x265"	Step=5"	Pitch=+6",	, Yaw=+1025"
			85/12/17	7 00Y=351				
351		SMM Pointing:	S09E02		Pitch=+133", Yaw	, Yaw=+33", Roll	, Roll=Odeg	H.Ang=8deg
<u>~</u> ;	ı tımes	HaClass=SF	S06E03	AR4709	Mac.=DSI	Carr.Lon.	=6deg	H.Ang=6deg
96.6	05:00 04:02	Importance=86 CaPeak.c/s=22	Qual=03 Qual= 1	FePeak=03:59	FePeak.c/s=18 Dast=240"x240"	#Peaks=1		XEN=535100 1.024s/pixel
>		Wavelength=1375A	Code=00	Exp #=34627	Rast=30"x30"		Pitch=+136"	", Yaw=+93"
			85/12/30	0 DOY=364				
DOY=364		SMM Pointing:			Pitch=-370", Yaw=+965", Roll=Odeg	v=+965", Ro	11=0deg	
ak :17:5!	5 03:1	Peakc/s=80 Wavelength=1375A	Qual=00 Qual=01	Exp #=35081	MaxkeV=87 Rast=265"x265"	Step=5"	Pitch=-369	Pitch=-369",Yaw=+986"

Pritch=971, Yaw=954, Roll=90deg H.Ang-84de Pritch=971, Yaw=97, Yaw=907 H.Ang-84de Pritch=971, Yaw=97, Yaw=907 Pritch=971, Yaw=97, Yaw=907 H.Ang-84de Pritch=971, Yaw=907 H.Ang-84de Pritch=972, Yaw=907 H.Ang-84de Pritch=972, Yaw=907 H.Ang-84de Pritch=972, Yaw=907 H.Ang-94de Pritch=972, Yaw=907 H.Ang-94de Pritch=972, Yaw=907 H.Ang-94de Pritch=972, Yaw=972, White Pritch=972, Yaw=972, W					86/01/05	D0Y=5			
17:34:51 17:35:4 Peakc/s=58 Qual=01 Tot Cts=333 MaxkeV=315 Flags=NS, GB 17:34:51 17:35:4 Wave length=13/5A Red 101 Tot Cts=322/2 Rast=265"x265" Step=5" Pitch-474" 18:35:14 16:25:14 Peakc/s=58 Qual=01 Tot Cts=8000/71 MaxkeV=62 Carr.Lon.=52deg 18:36:14 18:56:38 Peakc/s=68 Qual=01 Tot Cts=8000 MaxkeV=62 Flags=1 18:30:11:156:38 Peakc/s=68 Qual=01 Tot Cts=8000 MaxkeV=62 Flags=1 18:30:11:156:38 Peakc/s=197 Qual=01 Tot Cts=8000 MaxkeV=62 Flags=1 18:30:11:156:38 Peakc/s=197 Qual=01 Tot Cts=8000 MaxkeV=62 Flags=1 18:30:11:156:38 Peakc/s=197 Qual=01 Tot Cts=8000 MaxkeV=224 Flags=1 Flags=1 18:30:11:14 Peakc/s=197 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX 18:30:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX 18:30:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=12 Flags=1 MaxkeV=62 18:30:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX 18:30:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=62 Pitch=+2", Yaw=-2", Roll=0deg Peak Peak Css=94 Qual=01 Tot Cts=4501 PaxkeV=62 Pitch=42", Yaw=-2", Roll=0deg Peak Peak Css=94 Qual=01 Tot Cts=4501 PaxkeV=62 Pitch=42", Yaw=-2", Roll=0deg Peak Peak Css=94 Qual=01 Tot Cts=4501 PaxkeV=62	svent # = 1275 36/01/05,17:34 5+25+	0 D0Y=5	7	SM	N03E84		Pitch=+971", Yaw	v=+54", Roll=90deg	H.Ang=84deg
DOY=15	XRBS 17:34:4 WSP 16:45	3 17:34:5	ena t 17:35		Qual=01	Tot Cts=333 Exp #=35227	MaxkeV=315 Rast=265"x265"	Flags=NS,GB Step=5" Pitch=-47	74", Yaw=+907"
Peak End times HaClass=1M SOSMG7 AR4710 Mac.=CSO Carr.Lon.=52deg 07:111 07:228 Importance=M1 Qual=01 MaxkeV=62 Carr.Lon.=52deg 07:11:14 07:12:14 164(5/=67) Qual=01 MaxkeV=62 Carr.Lon.=52deg 07:11:40 07:12:14 11:56:31 11:56:38 Peak(5/=68) Qual=01 MaxkeV=62 Flags=1 100v=15 Feak Mac. Class=68 Qual=01 Qual=01 MaxkeV=62 Flags=1 11:56:31 I1:56:38 Peak(5/=68) Qual=01 Tot Cts=8000 MaxkeV=62 Flags=1 11:56:31 I1:56:38 Inportance=64 Qual=01 Tot Cts=8000 MaxkeV=62 Flags=1 12:08:07 I2:10:17 PeakC/s=197 Qual=01 Tot Cts=6700 MaxkeV=62 Flags=1 16:16 Importance=47 Qual=04 Tot Cts=65700 MaxkeV=224 Flags=1,SN,EG 16:12:03-4 PeakC/s=344 Qual=04 Tot Cts=65700 MaxkeV=141 Flags=AX 12:09:34 </td <td>vent # = 8132</td> <td>D0Y=1</td> <td></td> <td></td> <td>86/01/15</td> <td></td> <td></td> <td></td> <td></td>	vent # = 8132	D0Y=1			86/01/15				
Oy-12:14 Peak. Oy-12:14 Peak. Oy-12:14 Peak. Oy-12:14 Peak. Oy-12:14 Peak. Oy-15	Start ptical OES 05:09	Peak 07:11	End times 07:28	HaClass=1N Importance=M1	S09W67 0ua1=03	AR4710	Mac.=CSO	Carr.Lon.=52deg	H.Ang=67deg
DOY=15 Peak End times Peakc/s=68 Qual=01 Peak Peak Peakc/s=68 Qual=01 Peak Peakc/s=68 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=197 Qual=01 Peak Peakc/s=195 Qual=01 Peak Peakc/s=195 Qual=01 Peak Peakc/s=195 Qual=01 Peak Peakc/s=195 Qual=01 Peak Peakc/s=195 Qual=01 Peak Peakc/s=195 Qual=01 Peak Peakc/s=195 Qual=01 Peak Peakc/s=195 Qual=01 Peakc/s=195 Peakc/s=195 Qual=01 Peakc/s=195 Peakc/s=195 Peak.	XRBS 07:10:1: adio Sweeps adio Frequer	9 07:11:14 Type/: Tcy (MHz)/F	4 07:12:14 Intensity: Flux(sfu):	Peakc/s=67 II/1 IV/4 245/42 410/58 1	Qual=01 415/51 2695,	/61 4995/53 88	MaxkeV=62 00/71		
DOY=16 Peak	# = 81 /15,12: Start 11:55 11:56	DOY=15 Peak 12:02 11:56:		Importance=B4 Peakc/s=68	Qual=01 Qual=01		MaxkeV=62		
DOY=16 Peak 12:10 12:55 12:08:07 12:10:17 Peakc/s=197 Qual=01 DOY=16 Peak End times Peak 12:08:07 12:10:11 Peakc/s=197 Qual=01 DOY=20 Peak End times Peak End times DOY=20 Peak End times SWOO/170 15400/87 DOY=20 Peak End times SWOO/170 15400/87 DOY=20 Peak End times SWOO/170 15400/87 DOY=20 Peak End times SWOO/170 15400/87 Waxkev=141 Flags=1, SN, EG RE/01/20 DOY=29 Peak End times SWOO/170 15400/87 Waxkev=141 Flags=AX RE/01/29 Poy=20 Po					86/01/16	D0Y=16			
DOY=16 Peak End times 16:16	vent # = 8564 5/01/16,12:10 Start DES 12:00 KRBS 12:06:53	DOY=1 Peak 12:10 12:08	End times 12:55 /12:10:17	Imp		Tot Cts=8000	MaxkeV=62	Flags=I	
16:16 16:46	/ent # = 8565 5/01/16,16:16 Start		. v						
10:12:44 10:20:24 Peakc/s=3414 Qual=04 Tot Cts=65700 MaxkeV=224 Flags=I,SN,EG 10:09=20 12:09:34 12:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX 12:09:34 12:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX 12:09:34 12:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 Peak 12:09:34 12:11:14 Peakc/s=145 Qual=01 Pot Cts=4501 Peak 10:09:22 10:00 Importance=B4 Qual=03 Peak 10:00 Importance=B4 Qual=01 Peak 10:00 Importance=B4 Qual=01 Peak 10:00 Peakc/s=79 Qual=01 Peak 10:00 Peakc/s=79 Qual=01 Peak	_ = = =	16:16	16:46	HaClass=SF Importance=M7		AR4710	Mac.=CS0	Carr.Lon.=52deg	H.Ang=84deg
DOY=20 Peak End times 12:09:34 12:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX cy(MHz)/Flux(sfu): 8800/170 15400/87 DOY=29 BOY=29 End times O9:22 10:00 Importance=B4 Qual=03 O9:18:40 09:19:09 Peakc/s=79 Qual=01 MaxkeV=62	₽	16:12	16:20:24	Peakc/s=3414		ot Cts=65700	MaxkeV=224	Flags=I,SN,EG	
DOY=20 Peak End times 12:09:34 12:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX Cy(MHz)/Flux(sfu): 8800/170 15400/87 DOY=29 DOY=29 End times O9:22 10:00 Importance=B4 Qual=01 O9:18:40 09:19:09 Peakc/s=79 Qual=01 MaxkeV=62	ent # = 813/				86/01/20	D0Y=20			
12:08:36 12:09:34 12:11:14 Peakc/s=145 Qual=01 Tot Cts=4501 MaxkeV=141 Flags=AX Frequency(MHz)/Flux(sfu): 8800/170 15400/87	/01/20,12:09 Start		time						
# = 8136 29,09:22 DOY=29 SMM Pointing: \$06W00 Pitch=+2",Yaw=-2",Roll=0deg Start Peak End times 09:15 09:22 10:00 Importance=84 Qual=03 MaxkeV=62		i 12:09:34 icy(MHz)/F	母	Peakc/s=145 8800/170 15400/8	Qual=00 Qual=01	ot Cts=4501	MaxkeV=141	Flags=AX	
# = 8130 29,09:22 DOY=29 SMM Pointing: SOGWOO Pitch=+2",Yaw=-2",Roll=Odeg Start Peak End times 09:15 09:22 10:00 Importance=B4 Qual=03 09:17:53 09:18:40 09:19:09 Peakc/s=79 Qual=01 MaxkeV=62	70.0				86/01/29	D0Y=29			
09:15 09:22 10:00 Importance=84 Qual=03 3 09:17:53 09:18:40 09:19:09 Peakc/s=79 Qual=01	ent # = 8136 //01/29,09:22 Start	DOY=2 Peak	End times	SMM	00M90S	•	Pitch=+2", Yaw=-;	2", Roll=0deg	H.Ang=0deg
	09:15	09:22 09:18	10:00 09:19:09		Qual=03 Qual=01		MaxkeV=62		

				06/02/02	DOV=33				
,,,				00/05/05					
Event # = 2118/ 86/02/02,03:16	D0Y=33	1	SMM Pointing:	S09E51		Pitch=+87",Yaw≕	, Yaw=+751", Roll=Odeg	=0deg	H.Ang≕51deg
Start Optical	Peak	.	.Class=SF	S09E48	AR4711	Mac.=DKI	Carr.Lon.≖62deg	=62deg	H.Ang≖48deg
GOES 03:10 BCS 03:15	03:16 03:16	03:35 03:19	Importance=85 CaPeak.c/s=22	Qual=01 Qual= 2	FePeak=03:16	FePeak.c/s=17	#Peaks=1 Sten=0"	dt= 7.7s Cad= 129s	XEN=603300 129.0s/pixel
FCS UVSP 03:09	03:1/		PeaksC/s=55 Wavelength=1375A	Code=00	Exp #=35588	Rast=30"x30"		_ `	Yaw=+702"
Event # = 8137 86/02/02,11:22	1		SMM Pointing:	S09E47		Pitch=+81",Yaw≃	, Yaw≃+700", Roll=Odeg	=0deg	H.Ang=46deg
Start GOES 11:18 HXRBS 11:19:56 BCS 11:20	11:22 11:22 11:20:04 11:21	11:20:46 11:22	Importance=C2 Peakc/s=240 CaPeak.c/s=24	Qual=01 Qual=01 Qual= 2	Tot Cts=2146 FePeak=11:21	MaxkeV=62 FePeak.c/s=11 Rast=240"x240"	#Peaks=1 Sten=10"	dt= 7.7s Cad= 590s	XEN=603301 1.024s/pixel
LVSP 11:35 	11:21:54 11	:22:58	Fearsc/3-103 Wavelength=2788A As Peakc/s=130	A Associated Qual=01	Exp #=35617 Event # = 8138 Tot Cts=2299	Rast=180"x1" MaxkeV=62	Step=0"	Pitch=+87",	Yaw=+635"
Event # = 8139 86/02/02,13:07	D07=33	-	SMM Pointing:	S09E46		Pitch=+80", Yaw=+690", Roll=0deg	:+690", Roll:	=0deg	H.Ang≈45deg
Start GOES HXRBS 13:07:08 UVSP 13:09	Peak 3 13:07:56	End times 13:08:19	Peakc/s=68 Wavelength=2788A	Qual=00 Qual=01	Exp #=35619	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+86",	, Yaw=+624"
Event # = 8140 86/02/02,13:09	DOY=33		SMM Pointing:	S09E46	A-page and the same of the sam	Pitch=+80", Yaw=+690", Roll=Odeg	.+690", Roll	=0deg	H.Ang=45deg
Start GOES HXRBS 13:08:49 UVSP 13:09	_	13:	Peakc/s=70 Wavelength=2788A	Qual=00 Qual=01	Exp #=35619	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+86",Yaw=+624"	, Yaw=+624"
Event # = 8141 86/02/02,16:15	D07=33		SMM Pointing:	S09E44		Pitch=+77", Yaw=+670", Roll=0deg	-+670",Roll	=0deg	H.Ang=44deg
Start GOES 16:07 HXRBS 16:12:54 UVSP 16:18	Peak 16:15 4 16:13:30	End times 16:29 16:13:59	Importance=B3 Peakc/s=78 Wavelength=2788A	Qual=04 Qual=01 Code=02	Exp #=35623	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+83",Yaw=+603"	, Yaw=+603"
Event # = 8142 86/02/02,16:55		som; + pag	SMM Pointing:	S09E44		Pitch=+77", Yaw=+670", Roll=Odeg	=+670",Roll	=0deg	H.Ang=44deg
Start 60ES 16:49 HXRBS 17:06:34 UVSP 16:53 Radio Sweeps	170	17:32 17:08:25 17:08:15	Importance=C2 Peakc/s=67 Wavelength=2788A V/1	Qual=05 Qual=01 Code=00	Exp #=35624	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+6",Yaw=-63"	Үаw≈-63"

Event 86/02/	# = 21188 /02,20:43	D0Y=33	-	SMM Pointing:			Pitch=+236", Yaw	, Yaw=+1005", Ro	, Roll=Odeg	
GOES BCS FCS UVSP	Start 19:30 21:41 20:31	Peak 20:43 21:44 21:52	End times 21:50 21:55	Importance=C3 CaPeak.c/s=35 Peak3c/s=138 Wavelength=1375A	Qual=05 Qual= 4 Code=00	FePeak=21:44 Exp #=35630	FePeak.c/s=8 Rast=60"x60" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	7s 58s +246	XEN=603302 7.168s/pixel ",Yaw=+1024"
Event 86/02/	; # = 21189 :/02,22:10 Start	DOY=33	+ TC	SMM Pointing:	S10E41		Pitch=+90", Yaw=+628", Roll=0deg	:+628", Roll:	=0deg	H.Ang=41deg
GOES BCS FCS UVSP	22:09 22:01	22:10 22:10	28 28	CaPeak.c/s=20 Peak3c/s=142 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=22:11 Exp #=35634	FePeak.c/s=8 Rast=60"x60" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 258s Pitch=+123"	XEN=603303 7.168s/pixel ", Yaw=+639"
					86/02/03	3 D0Y=34				
Event 86/02/	# = 8143 $(03,09:23)$	D0Y≈34	, + - -	SMM Pointing:	S10E35	I	Pitch=+84", Yaw=	, Yaw=+547", Roll=0deg	=0deg	H.Ang=35deg
GOES HXRBS UVSP	09:20 09:20 09:22:32 09:35	09:23 09:22:36	5114 Criffes 09:33 09:23:45	Importance=B4 Peakc/s=68 Wavelength=2788A	Qua1=01 Qua1=01	Exp #=35681	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+89",	, Үаw=+477"
Event 86/02/	t # = 8144 2/03,20:49 Start	D0Y=34	Fnd times	SMM Pointing:	S10E29		Pitch=+77", Yaw=	, Yaw=+461", Roll=0deg	=0deg	H.Ang=29deg
Optica GOES	a] 20.34		_	HaClass=18	S09E26	AR4711	Mac.=DKC	Carr.Lon.∍	.=61deg	H.Ang=26deg
HXRBS UVSP Radio Radio	20:34 20:36:47 21:17 Sweeps Frequence	:47 20:37:14 20:38:0 Type/Intensity uency(MHz)/Flux(sfu)	6	Importance=nz Peakc/s=4174 (Wavelength=1375A 1V/3 V/3 245/1500 410/2200	(ual=02) (ual=01) 606/83	Tot Cts=1.21E+5 PExp #=35700 R	laxkeV=197 tast=280"> 4995/370	/ Flags=M5 (280" Step=10" Pitc 8800/1600 15400/1100	h=+84"	, Yaw=+465"
Event # 86/02/03	# = 8145 '03,21:15	D0Y=34		SMM Pointing:	S10E28		Pitch=+76".Yaw=	Yaw=+448". Roll=0dea	=Odea	H. Ang=28deg
HXRBS UVSP	Start 21:15:10 21:17	Pea 21:	End times 22:11:37	Peak ¥ave	Qual=12	Tot Cts=28727 Exp #=35700	MaxkeV=115 Rast=280"x280"	Flags=SN, S Step=10"	h=+84"	, Yaw=+465"
Event 86/02/	Event # = 21190 86/02/03,23:43	00Y=34	the state of the s	SMM Pointing:	S10E27		Pitch=+75", Yaw=	, Yaw=+435", Roll=0deg	=0deg	H.Ang=27deg
BCS FCS UVSP	23:41 23:45	23:47 23:47	23:47	CaPeak.c/s=24 Peak3c/s=16 Wavelength=1375A	Qual= 1	FePeak=23:45 Exp #=35714	FePeak.c/s=9 Rast=60"x60" Rast=280"x280"	#Peaks=1 Step=10" Step=10"	dt= 7.7s Cad=36.9s Pitch=+83",	XEN=603400 1.024s/pixel ,Yaw=+445"
Fyant	# = \$1/16				86/02/04	D0Y=35				
86/02/	# - 8149 04,05:30 Start	DOY=35 Peak		SMM Pointing:	S10E23		Pitch=+74",Yaw≖	,Yaw=+381",Roll=0deg	=0deg	H.Ang=23deg
GOES HXRBS UVSP Radio	05:00 09 S 05:15:56 09 05:28 o Frequency	:00 05:30 06:00 :15:56 05:16:14 05:16:3 :28 requency(MHz)/Flux(sfu)	9 .	<pre>Importance=B9 Peakc/s=88 Wavelength=1375A 4995/45 8800/51</pre>	Qual=04 Qual=01 Code=00	Exp #=35743	MaxkeV=62 Rast=30"x30"	Step=0"	Pitch=+66",	, Yaw=+371"

Event # = 8147 86/02/04,07:41 D0Y=35	SMM Pointing:	S10E23		Pitch=+72", Yaw=	, Yaw=+368", Roll=0deg		H.Ang=23deg
Start Peak	HaClass=3B	\$03E21	AR4711	Mac.=DKC	Carr.Lon.=61deg		H.Ang=21deg
07:41 08:40 :09 07:37:14 07:38:2	Importance=X3 Peakc/s=85220 Wavelength=2788A	Qual=02 Qual=03 Code=00	Tot Cts=4.96E+6 Exp #=35749	MaxkeV=422 Rast=243"x243"	Flags=M5,EN Step=3" Pitch=+78",	.ch=+78",	', Yaw=+385"
Radio Sweeps Iype/Intensity: Radio Frequency(MHz)/Flux(sfu):	11/2 245/) 606/1100) 1415/550 2695/	14000 410/860 606/1100 1415/550 2695/820 4995/1900 8800/6700 15400/19000	300/6700 15400/	19000	
	SMM Pointing:	\$10E21		Pitch=+71", Yaw	Pitch=+71", Yaw=+342", Roll=Odeg	D.	H.Ang=21deg
reak	is HaClass≖1B	\$02E68	AR4713	Mac.=CA0	Carr.Lon.=12deg	ed	H.Ang=68deg
GOES 10:18 10:29 10:54 HXRBS 10:22:48 10:26:04 10:46:39 UVSP 10:46		(ua.1=03 (ua.1=02	Tot Cts=1.16E+6 Exp #=35754	MaxkeV=526 Rast=180"x1"	Flags=M5,SA Step=0" Pitch=+77",Yaw=+358"	:ch=+77",	Yaw=+358"
Event # = 8150 86/02/04,16:10 D0Y=35 C+5rt Post End time	SMM Pointing:	S10E17		Pitch=+67", Yaw	Pitch=+67", Yaw=+274", Roll=Odeg	Di Di	H.Ang=17deg
16:10:54 16:1	Peakc/s=71 Wavelength=1375A	Qual=00 Qual=01	Exp #=35766	MaxkeV=62 Rast=30"x30"	Step=0" Pit	.ch=+61",	Pitch=+61",Yaw=+286"
00Y=35	SMM Pointing:	S10E15		Pitch=+67", Yaw	Pitch=+67", Yaw=+245", Roll=Odeg	Ď;	H.Ang=15deg
Start Peak End times GOES 19:27 19:32 20:00 HXRBS 19:29:57 19:30:16 19:31:46 UVSP 19:20	is Importance=B7 Feakc/s=97 Wavelength=1375A	Qual=01 Qual=01 Code=00	Exp #=35778	MaxkeV=62 Rast=30"x30"	Step=0" Pit	:ch=-20",	Pitch=-20",Yaw=+168"
		86/02/05	5 D0Y=36				
Event # = 8152 86/02/05,00:59 DOY=36	SMM Pointing:	S10E12		Pitch=+65", Yaw	, Yaw=+203", Roll=0deg	p î	H.Ang≕13deg
Реак	HaClass=SF	\$06E11	AR4711	Mac.=DKI	Carr.Lon.=61deg	leg	H.Ang=11deg
HXRBS 00:41:27 00:46:30 00:56:34 BCS 00:46 00:46 00:48	Peakc/s=210 CaPeak.c/s=23	Qual=01 Qual= 2	Tot Cts=28054 FePeak=00:46	MaxkeV=115 FePeak.c/s=9	#Peaks=1 dt=	dt= 7.7s	XEN=603600
/Flux(sfu)	Peak3c/s=/1 Wavelength=1375A : 245/4000 410/280		Code=00 Exp #=35806 606/41 1415/43 2695/47	kast=300~x300 Rast=30"x30" 4995/77 8800/78		cau= 9223 Pitch=+68",	1.0245/pixel Yaw=+197"
Event # = 8153 86/02/05,03:30 D0Y=36	SMM Pointing:	S10E10		Pitch=+65", Yaw	Pitch=+65", Yaw=+174", Roll=Odeg	D ₀	H.Ang=lldeg
.4 03:30:54 03:3	5 Peakc/s=68 Wavelength=1375A	Qual=00 Qual=01	Exp #=35818	MaxkeV=63 Rast=30"x30"	Step=0" Pit	tch=+18",	Pitch=+18",Yaw=+144"

١,٥	١,٥	End tim	\ \{\xi_1\}			Pitch=+63", Yaw	, Yaw=+110", Roll	, Roll=Odeg	H.Ang=7deg
10:22 11:11 Impor 10:19:52 10:20:23 Peak. 10:18 10:20 CaPea 10:19 Peak3	11:11 Impor :52 10:20:23 Peak. 10:20 CaPea Peak3	Impor Peak. CaPea Peak3	ortance=C1 kc/s=55 eak.c/s=22 k3c/s=77 elength=1375A	Qual=02 Qual=01 Qual= 1 75A Code=00	Tot Cts=402 FePeak=10:18 Exp #=35846	MaxkeV=63 FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	Flags=I #Peaks=1 Step=0" Step=0"	dt= 7.7s Cad= 768s Pitch=+96"	XEN=603601 768.0s/pixel ,Yaw=+83"
Event # = 8154 86/02/05,12:55 D0Y=36 SMM Po- Start Peak End times	SMM SMM	SE SE	ointing:	\$10E05		Pitch=+63", Yaw	, Yaw=+88", Roll=0deg	:0deg	H.Ang=6deg
Ha	Ha Impor	Ha Impor	.Class=2B .tance=M3		AR4711	Mac.=DKI	Carr.Lon.=60deg	=60deg	H.Ang=6deg
12:35:43 12:39:10 Peak. Wavel y(MHz)/Flux(sfu): 410/5	Peak. Wavel	Peak. Wavel	c/s=377 ength=2788A 50 606/180	7 Qual=13 88A 80 1415/260		Tot Cts=32439 MaxkeV=88 Flags=M Exp #=35851 Rast=243"x243" Step=3" 2695/1200 4995/2400 8800/2600 15400/470	Flags=M, ES Step=3" 5400/470	.S, DG Pitch=+69"	,0G Pitch=+69",Yaw=+102"
Event # = 21191 86/02/05,21:58 D0Y=36 SMM Point	SMM P	SE P	ointing:	\$10E01		Pitch=+62",Yaw=	, Yaw=+15", Roll=Odeg	0deg	H. Ang=4deg
Ha	Ha	Ha.	=SF	S08W03	AR4711	Mac.=DKI	Carr.Lon.=64deg	=64deg	H.Ang≕3deg
22:00 22:00 22:02 CaPeak.c/s=20 22:01 22:01 Peak3c/s=14 Wavelength=1375A	22:02 Cape Peak	CaPeak.c/s Peak3c/s Wavelength	354 E	24	FePeak=22:01 Exp #=35884	FePeak.c/s=7 Rast=0"x0" Rast=280"x280"	#Peaks=1 Step=0" Step=10"	dt= 7.7s Cad=3840s Pitch=+70"	XEN=603602 3840s/pixel ,Yaw=+18"
Event # = 21192 86/02/05,23:37 DOY=36 SMM Pointing	SMM P	SMM P		S10W01		Pitch=+62", Yaw=-14"	14", Roll=Odeg	0deg	H.Ang=4deg
73.37 23.55	23:55	^	SF	S05W06	AR4711	Mac.=DKI	Carr.Lon.=66deg	=66deg	H.Ang=6deg
23:34 23:34 23:40 CaPeak.c./s=22 (23:38 23:38 Peak3c/s=116	23:40	Capeak.c/s= Peak3c/s= Wavelength=	11122	Qual= 5 6 75A Code=02	FePeak=23:36 Exp #=35893	FePeak.c/s=7 Rast=180"x180" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 332s Pitch=-5",	XEN=603603 1.024s/pixel Yaw=-22"
				86/02/06	6 D0Y=37				
Event # = 21193 86/02/06,01:24 DOY=37 SMM Pointing	SMM P	SAN P	.g	S10W02		Pitch=+62", Yaw=-29",	29", Roll=Odeg	0deg	H.Ang=4deg
01.24 01.4	Ha	Ha	SF 1	S01E41	AR4713	Mac.=DAO	Carr.Lon.=18deg	=18deg	H.Ang=41deg
:25 01:25 01:34 CaPeak.c/s=19 01:26 01:34 Peak3c/s=55 :11 Wavelength=1375A	:34 Cabea Cabea Peak3	Capeak.c/s Peak3c/s Wavelength	133	Qual= 1 Qual= 1 75A Code=00	FePeak=01:27 Exp #=35901	FePeak.c/s=15 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad= 129s Pitch=+5",)	XEN=603700 129.0s/pixel Yaw=-27"
: # = 8155 :/06,01:41 DOY=37 SMM Pointing: Start Poak End times	SMM SMM	S. M.	ng:	S10W02		Pitch=+62", Yaw=-29", Roll=Odeg	-29", Roll=(Odeg	H. Ang=4deg
01:41:25 01:4	25 01:42:13 Peak	Peak	=72 =13 <u>7</u>	Qua]=00 Qua]=01 75A	Exp #=35903	MaxkeV=63 Rast=30"x30"	Step=0"	Pitch=+95",Yaw=-9"	Yaw=-9"

,Yaw=+964",Roll=0deg H.Ang=84deg	Carr.Lon.*62deg H.Ang*6deg	Flags=I #Peaks=1 dt= 3.8s XEN=603701 \ten=10"		8800/8800 15400/26000	,Yaw=-87",Roll=Odeg H.Ang=6deg	#Peaks=1 dt= 7.7s XEN=603702 Step=10" Cad= 590s_ 1.024s/pixel	Step=3" Pitch=+69"	, Yaw=-154", Roll=Odeg H.Ang=10deg	Step=0" Pitch=+76",Yaw=-126"	,Yaw=-174",Roll=Odeg H.Ang=11deg	#Peaks=1 dt= 7.7s XEN=603703 Step=10" Cad= 590s 1.024s/pixel Ston=0" Bitch=176" Sau= 107"	Step=0 Fittin=+/0	,Yaw=-188",Roll=Odeg H.Ang=12deg	Carr.Lon.=61deg H.Ang=13deg	#Peaks=1 dt= 7.7s XEN=603704 Step=10" Cad= 590s 1.024s/pixe1	Step=0 rittl=+/0	,Yaw=-202",Roll=Odeg H.Ang=13deg	Carrilon, =63dea H.Ana=15dea	
Pitch=+101", Yaw=	Mac.=DKI	MaxkeV=527 FePeak.c/s=68 Dac+=240"x240"	_		Pitch=+63", Yaw=-	FePeak.c/s=13 Rast=240"x240"	Rast=243"x243"	Pitch=+63",Yaw=-	MaxkeV=63 Rast=30"x30"	Pitch=+63", Yaw=.	FePeak.c/s=8 Rast=240"x240"	Kast=30 X30	Pitch=+64",Yaw=	Mac.=DKI	FePeak.c/s=9 Rast=240"x240"	KdSt=3U X3U	Pitch=+63",Yaw=	Mac =DKT	ומר: - טעד
	AR4711	Tot Cts=1.18E+7 FePeak=06:22	Exp #=35925	1415/1400 2695/1300 4995/4200		FePeak=07:50	Exp #=35928		Tot Cts=568 Exp #=35948		FePeak=17:43	EXp #=33938		AR4711		EXP #=33904		AR4711	
S07E85	S04W06	Qual=03 Qual=01 Qual= 1	Code=00	066/909 0	S10W05	Qual= 5		S10W09	Qual=01 Qual=01 Code=00	S10W10	Qual=04 Qual= 1	Code=00	S10W11	\$12W12	Qual= 1	rode=00	S10W12	S06W15	2011
SMM Pointing:	•	Importance=X2 Peakc/s=92037 CaPeak.c/s=19	Peak3c/s=21 Wavelength=1375A (II/3 IV/2	245/6200 410/3500	SMM Pointing:	CaPeak.c/s=18 Peak3c/s=226	Wavelength=2788A	SMM Pointing:	Importance=B8 Peakc/s=98 Wavelength=1375A	SMM Pointing:	Importance=C1 CaPeak.c/s=21 Peak3c/s=125	Wavelength=13/5A (245/50 410/64	SMM Pointing:		CaPeak.c/s=36 Peak3c/s=158	Wavelengtn=13/5A	SMM Pointing:	HaClass=SF	[J-000+000+001]
		07:07 06:48:09 06:23				End times 07:54		1	15:28:14	1	G		t to		19:23			בוות רווובי	10.00
D0Y=37		06:25 06:22:05 06:22	06:22 Tvne/In	rype/ rr cy (MHz)/F1	D0Y=37	Peak 07:50 07:52			reak 15:30 15:27:44	D0Y=37	Peak 17:42 17:42 17:42	17:36 Frequency(MHz)/Flux(sfu)	DOY=37	10.1	19:19 19:16 19:16		DOY=37		50.00
Event # = 8465 86/02/06.06:25		06:18 06:17:12 06:22	06:20 Sweens) ype/incensity Frequency(MHz)/Flux(sfu)	# = 21194 06,07:50	Start 07:50	07:46	ı	GOES 15:26 HXRBS 15:27:32 UVSP 15:20	# = 21195 '06, 17:42			Event # = 21196 86/02/06,19:19	3tar t 10.16		19:09	Event # = 8159 86/02/06,20:27	Start 1	10.00
Event 86/02/0	Optica	GOES HXRBS BCS	UVSP Pad jo	Radio	Event 86/02/	SSS	UVSP	Event 86/02/	GOES HXRBS UVSP	Event 86/02/	60ES PCS FCS	UVSP Radio	Event 86/02/	Optica	ဦလည်း ကိုလည်း	UVSP	Event 86/02/	Optical	,

7 75A 75A 75A 75A 75A 85A 85A 868 868 868 868 868 868 868 868 868 86	_	Ü	End times	SMM Pointing:	\$10W13		Pitch=+72", Yaw=	, Yaw=-208", Roll	, Roll=Odeg	H.Ang=13deg
\$6702/07 \$00Y=38\$ \$10W14	23:27 23:41 CaPeak.c/s=27 23:27 Peak3c/s=10 Wavelength=13	3:41 CaPe Peak Wave	CaPeak.c Peak3c Waveleng	ak.c/s=27 3c/s=107 length=1375A	Qual=00 Qual= 1		FePeak.c/s=13 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad= 129s Pitch=+75"	XEN=603705 129.0s/pixel ,Yaw=-251"
\$10W14 \$10W14 \$10W14 \$10W14 \$10W18					86/02/L					
\$10W15 \$10W15 \$10W15 \$10W15 \$10W15 \$10W15 \$10W15 \$10W15 \$10W16 \$210W15	DOY=38 SMM Pointing Peak End times	SMM		.g.			Pitch=+69",Yaw=	229", Roll	=0deg	H.Ang=14deg
75A Code=02 Exp #=35995 Rast=280"x280" Step=10" Pitch=+80" S10W15 Pitch=+72", Yaw=-241", Roll=0deg Qual=00 Qual=01 FePeak=02:35 FePeak.c/s=14 #Peaks=2 dt=7.75 Rast=30"x30" Step=0" Pitch=+46" S10W15 FePeak=02:35 FePeak.c/s=14 #Peaks=2 dt=7.75 Rast=30"x30" Step=0" Pitch=+46" S10W15 Pitch=+72", Yaw=-241", Roll=0deg Qual=01 Tot Cts=261 MaxkeV=63 S10W15 Pitch=+72", Yaw=-241", Roll=0deg Qual=01 Tot Cts=1072 MaxkeV=115 S10W15 Pitch=+72", Yaw=-241", Roll=0deg Qual=01 Tot Cts=201 MaxkeV=63 S10W15 Pitch=+73", Yaw=-256", Roll=0deg Qual=01 Tot Cts=211 MaxkeV=63 S10W16 Pitch=+74", Yaw=-284", Roll=0deg Qual=01 Tot Cts=211 MaxkeV=63 S10W17 Pitch=+74", Yaw=-284", Roll=0deg Qual=01 Tot Cts=211 MaxkeV=63 S08W18 AR4711 Mac.=DK1 Carr.Lon.=60deg Qual=01 Tot Cts=566 MaxkeV=63 Qual=01 Tot Cts=566 Rast=30"x30" S10W16 Step=0" Pitch=+74", Roll=0deg Qual=01 Tot Cts=566 Rast=30"x30" Step=0" Pitch=+86", S1UW17 Rast=36002 Step=0" Pitch=+86", S1UW17 Rast=36008 Step=0" St	Ha	Ha	HaClass=	F 8	S09W16	AR4711	Mac.=DKI	Carr.Lon.	=61deg	H.Ang=16deg
S10W15 Qual=00 Qual=00 Qual=01 FePeak=02:35 FePeak.c/s=14 #Peaks=2 dt=7.75 Rast=0.x30" Step=0" Cad=129s Rast=30"x30" Step=0" Cad=129s S10W15 Qual=01 Exp #=35998 Rast=20"x20" Step=0" Pitch=+46", FePeak.c/s=14 #Peaks=2 dt=7.75 Rast=0.x30" Step=0" Pitch=+46s FePeak.c/s=14 #Peaks=2 dt=7.75 Rast=0.x30" Step=0" Pitch=+46s FePeak.c/s=13 Qual=01 FePeak=02:35 FePeak.c/s=14 #Peaks=2 dt=7.75 Rast=30"x30" Step=0" Pitch=+81", FePeak=07:32 S10W15 Fitch=+72", Yaw=-241", Roll=0deg Qual=03 Fitch=+72", Yaw=-241", Roll=0deg Pitch=+96", FePeak=07:32 FePeak.c/s=10 Qual=01 FePeak=07:32 FePeak.c/s=10 Qual=01 Gual=01 FePeak=07:32 FePeak.c/s=10 Qual=01 FePeak=07:32 FePeak.c/s=10 Rast=265"x265" FePeak=07:32 Rast=20"x0" Step=0" Pitch=+86", FePeak=07:32 FePeak.c/s=10 Qual=01 FePeak=07:32 FePeak.c/s=10 Rast=265"x265" FePeak=07:32 Fast=0190" Fast=265"x265" FePeak=07:32 Fast=265"x265" FePeak=07:32 Fast=265"x265" FePeak=07:32 Fast=265"x265" FePeak=07:32 Fast=265"x265" FePeak=07:32 Fast=265"x265" FePeak=07:32 FePeak=07:32 Fast=265"x265" FePeak=07:32 Fast=265" FePeak=07:32 Fast=265" FePeak=07:32 Fast=20"x30" FePeak=07:32 FePeak=07:32 Fast=019 FePeak=07:32 Fast=019 FePeak=07:32 Fast=019 FePeak=07:32 Fast=019 FePeak=07:32 FePeak=0	01:37:08 01:37:23 Peak Wave	01:37:23 Peak Wave	Peakc/s=6 Wavelength=1	375A	Qual=01 Code=02		MaxkeV=63 Rast=280"x280"	Step=10"	Pitch=+80"	, Үам=-
Qual=00 Qual=00 Qual=01 Step=0.35 Rast=0.x0" Step=0" S	: # = 21198 :/07,02:28	SMM P times	<u>a</u>	<u> </u>	S10W15		Pitch=+72", Yaw=	241", Roll	=0deg	H.Ang=15deg
S10W15 Qual=00 Qual=00 Qual=00 Tot Cts=261 Rast=280"x280" Step=10" Pitch=+81" S10W15 S10W17 S11W17 S	02:28 02:43 CaPeak.c/s=20 02:32 Peak3c/s=69 Wavelength=1375A	:43 CaPea Peak3 Wavel	CaPeak.c/s=20 Peak3c/s=6 Wavelength=1	0 9 375A		FePeak=02:35 Exp #=35998	FePeak.c/s=14 Rast=0"x0" Rast=30"x30"	#Peaks=2 Step=0" Step=0"	dt= 7.7s Cad= 129s Pitch=+46"	XEN=603800 129.0s/pixel ,Yaw=-339"
Qual=00 Qual=01 Exp #=35999 Rast=280"x280" Step=10" Pitch=+81" S10W15 S10W15 Qual=03 Qual=03 Qual=01 Tot Cts=1072 Rast=30"x30" S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 Pitch=+73", Yaw=-256", Roll=Odeg Pitch=+73", Yaw=-256", Roll=Odeg Pitch=+74", Yaw=-284", Roll=Odeg S08W18 AR4711 Mac.=DKI Carr.Lon.=60deg Qual=01 Tot Cts=566 Maxkev=63 Qual=01 Tot Cts=566 Maxkev=63 Qual=01 Tot Cts=566 Maxkev=63 Qual=01 Tot Cts=566 Maxkev=63 Step=0"	DOY=38 SMM Pointing: Peak Fnd times	SMM Pointing	Pointing		S10W15		Pitch=+72", Yaw=	-241", Roll	=0deg	H.Ang=15deg
S10W15 Qual=03 Qual=03 Qual=01 Tot Cts=1072 Rast=30"x30" Step=0" Pitch=+72", Yaw=-241", Roll=0deg Code=00 Exp #=36002 Rast=30"x30" Step=0" Pitch=+73", Yaw=-256", Roll=0deg Qual=01 Code=00 Exp #=36006 Raste=30"x30" Step=0" Pitch=+74", Yaw=-284", Roll=0deg Qual=01 Tot Cts=566 MaxkeV=63 Qual=01 Tot Cts=566 MaxkeV=63 Qual=01 Tot Cts=566 Raste=0"x0" Step=0" Pitch=+74", Yaw=-284", Roll=0deg Qual=01 Rast=0"x0" Step=0" Rast=0"x0" Step=0" Cad= 768s Code=00 Exp #=36019 Rast=0"x0" Step=0" Cad= 768s Code=00 Exp #=36019 Rast=265"x265" Step=5" Pitch=+80"	:53 02:38:01 02:38:06 Peakc/s=105	Peak Have	Peak Have	5 75A	Qual=00 Qual=01		MaxkeV=63 Rast=280"x280"	Step=10"	Pitch=+81"	, Yaw=-227"
Qual=03 Qual=01 Code=00 Code=00 Exp #=36002 Rast=30"x30" S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 S10W15 Pitch=+73", Yaw=-256", Roll=0deg Rast=30"x30" Step=0" Pitch=+86" Pitch=+74", Yaw=-284", Roll=0deg Qual=01 Qual=01 Qual=01 Tot Cts=566 Maxkev=63 Qual=01 Qual=01 Qual=01 RePeak-C/s=10 Rast=0"x0" Step=0" Rast=0"x0" Step=0" Pitch=+96" Rast=0"x0" Step=0" Pitch=+96" Pitch=+26" Pitch=+96" Pitch=+96" Pitch=+26" Pitch=+26" Pitch=+96" Pitch=+96" Pitch=+96" Pitch=+73" Pitch=+73" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+74" Pitch=+86" Pitch=+74" Pitch=+86"	DOY=38 SMM Pointing: Peak End times	S.	S.	1	S10W15		Pitch=+72", Yaw=	-241", Roll	=0deg	H.Ang=15deg
S10W15 Qual=01 Qual=01 Qual=01 Code=00 Exp #=36006 State=30"x30" S11W17 S11W17 S08W18 AR4711 Ac.=DKI Qual=01 Acxev=63 Qual=01 Acxev=63 Qual=01 Acxev=63 Raxtev=63 Raxtev=0" Step=0" Code=00 Exp #=36019 Raxt=265", Roll=0deg Pitch=+74", Yaw=-256", Roll=0deg Acxev=63 Raxt=0"x0" Step=0" Carr.Lon.=60deg Raxt=0"x0" Step=0" Cad= 7.7s Rast=0"x0" Step=0" Cad= 768s Code=00 Exp #=36019 Raxt=265"x265" Step=5" Pitch=+80"	GOES 03:04 03:06 03:13 Importance=C1 HXRBS 03:06:03 03:06:17 03:06:27 Peakc/s=296 UVSP 02:56 Wavelength=1375A Radio Frequency(MHz)/Flux(sfu): 15400/62	Impo Peak Jave 1540	Impo Peak Jave 1540	75A	Qua]=03 Qua]=01 Code=00	Tot Cts=1072 Exp #=36002	MaxkeV=115 Rast=30"x30"	Step=0"	Pitch=+96"	.Yaw=-235"
Qual=01 Qual=01 Qual=01 Code=00 Exp #=36006 Rast=30"x30" Step=0" Pitch=+86" S11W17 S11W17 S08W18 AR4711 Mac.=DKI Qual=01 Qual=01 Qual=01 Tot Cts=566 Maxkev=63 Qual=01 Qual=01 Rast=0"x0" Step=0" Pitch=+86" Rast=0"x0" Step=0" Pitch=+86" Rast=0"x0" Step=0" Pitch=+86" Rast=0"x0" Step=0" Pitch=+86" Rast=0"x0" Step=0" Pitch=+86"	SMM Pointing	SMM Pointing	SMM Pointing		S10W15		Pitch=+73", Yaw=.	-256", Roll=	-Odeg	H.Ang=16deg
S11W17 S08W18 AR4711 Mac.=DKI Carr.Lon.=60deg Qual=01 Qual=01 Tot Cts=566 MaxkeV=63 Qual=1 FePeak=07:32 Rast=0"x0" Step=0" Step=0" Code=00 Exp #=36019 Rast=265"x265" Step=5" Pitch=+74", Yaw=-284", Roll=0deg Carr.Lon.=60deg Carr.Lon.=60deg Carr.Lon.=60deg Rast=265 Rast=205" Step=0" Step=0" Step=5" Pitch=+80"	. 04:01 04:02 04:12 Importance=B6 IS 04:02:49 04:03:06 04:03:25 Peakc/s=82 03:54 Wavelength=1375	04:12 Impor 04:03:25 Peak Wave	Importance=B6 Peakc/s=82 Wavelength=13	75A	Qual=01 Qual=01 Code=00	Tot Cts=211 Exp #=36006	MaxkeV=63 Rast=30"x30"	Step=0"	Pitch=+86",	Yaw=-304"
SOBW18 AR4711 Mac.=DKI Carr.Lon.=60deg Qual=01 Tot Cts=566 MaxkeV=63 Qual=1 FePeak=07:32 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad= 768s Code=00 Exp #=36019 Rast=265"x265" Step=5" Pitch=+80"	DOY=38 SMM Pointing: Peak End times	SMM Pointing	Pointing		S11W17		Pitch=+74", Yaw=.	-284", Roll=	.0deg	H.Ang=18deg
Odal=01 Tot Cts=566 MaxkeV=63 Odal= 1 FePeak=07:32 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad= 768s Code=00 Exp #=36019 Rast=265"x265" Step=5" Pitch=+80"	07:32 07:42 Impo	Ha42	HaClass=SF Importance=89		S08W18	AR4711	Mac.=DKI	Carr.Lon.=	:60deg	H.Ang≖18deg
	07:28:35 07:28:44 07:29:23 Peakc/s=74 07:32 07:36 CaPeak.c/s=22 07:33 07:38 Peak3c/s=42 07:21 Wavelength=1375A	07:29:23 Peak. 07:36 CaPe. Peak? Wave	Peakc/s=74 CaPeak.c/s=22 Peak3c/s=42 Wavelength=13	75A	Qual=01 Qual= 1 Code=00	Tot Cts=566 FePeak=07:32 Exp #=36019			dt= 7.7s Cad= 768s Pitch=+80",	XEN=603801 768.0s/pixel Yaw=-267"

H.Ang=19deg	H.Ang≔2Odeg	.7s XEN=603802 590s 1.024s/pixel =+81", Yaw=-296"	dt= 3.8s XEN=603803 Cad= 768s 768.0s/pixel Pitch=+84", Yaw=-312"	768s 768s 1=+89",	dt= 7.7s XEN=603805 Cad= 768s 768.0s/pixel Pitch=+69", Yaw=-390"	7.7s 768s 1=-358"	7s X 68s 7 +62", Y	Odeg H.Ang=28deg 25deg H.Ang=11deg Pitch=+84",Yaw=-428"
Pitch=+73", Yaw=-312", Roll=Odeg	Carr.Lon.=60deg	Flags=1,EN,SA #Peaks=2 dt= 7.7s Step=10" Cad= 590s Step=3" Pitch=+81' 800/3600		#Peaks=1 dt= 7.7s Step=0" Cad= 768s Step=0" Pitch=+89"	taks=1 tp=0" tp=0"	#Peaks=1 Step=0" Step=10"	#Peaks=1 Step=0" Step=0"	Pitch=+81",Yaw=-449",Roll=Odeg Mac.=DAO Carr.Lon.=25deg MaxkeV=88 Step=0" Pitch Rast=30"x30" Step=0" Pitch
Pitch=+73", Yaw	Mac.=DKI	Tot Cts=81200 MaxkeV=226 Flags= FePeak.c/s=655 #Peaks Rast=240"x240" Step=] Exp #=36023 Rast=243"x243" Step= 1415/1200 2695/4100 4995/440 8800/3600	FePeak.c/s=24 Rast=0"x0" Rast=280"x280"	FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	FePeak.c/ Rast=0"xC Rast=30"x	FePeak.c/s=10 Rast=0"x0" Rast=280"x280"	S FePeak.c/s=10 Rast=0"x0" Rast=30"x30"	Pitch=+81", Yaw Mac.=DAO MaxkeV=88 Rast=30"x30"
	AR4711	Tot Cts=81200 FePeak=10:50 Exp #=36023 1415/1200 2695/	Event # = 2119 FePeak=11:43 Exp #=36024	Event # = 21200 FePeak=13:56 Exp #=36029		Event # = 2120 FePeak=16:41 Exp #=36040	Event # = 21203 FePeak=18:25 Exp #=36049	AR4713 Fxn #=36073
S10W19	\$10W20	\ual=04 \ual=04 \ual= 2 \ual= 2 \ode=02 \times06/280	sociatec Qual= 5	Associated Qual= 7 5A	Associated Qual= 4 5A	Associated Qual= 5 5A	Associated Qual= 4 5A	\$10W28 NOOE09 Qual=01 Qual=01
SMM Pointing:	HaClass=2B	rtance=M5c/s=196 ak.c/s=2377 3c/s=2966 length=2788	ak.c/s=405 3c/s=623 length=137	A CaPeak.c/s=84 Peak3c/s=156 Wavelength=1375A			As CaPeak.c/s=24 Peak3c/s=102 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=B8 Peakc/s=75 Wavelength=1375A
	⊏ .	11:26 21 11:05:45 11:06 /Flux(sfu):		14:15	15:49	17:24	18:58	End times 23:03 5 22:56:22
D0Y=38	Peak	10:34 10:42:21 10:56 10:43	11:43 12:22	13:25 14:00	14:57 15:04	16:27 16:45	18:05 18:49	D0Y=38 Peak 22:58 5 22:55:2
# = 8576 /07,10:34	~~ <u>~</u>	09:47 10:34 10:42:20 10:42: 10:42 10:56 10:38 10:43 Frequency (MHz)	'		14:52 14:55	16:27		t # = 8166 2/07,22:58 Start cal 22:54 . 22:54:16
Event 86/02/	Optica	GOES HXRBS BCS FCS UVSP	BCS - C	BCS FCS UVSP	BCS FCS UVSP	BCS FCS UVSP	BCS FCS UVSP	Event 86/02/ 0ptica GOES HXRBS

				86/02/08	18 DOY=39				
86/02/08,04:23	t D0Y=39	+ + +	SMM Pointing:	S10W31		Pitch=+83",Yaw≕	,Yaw=-489",Roll=Odeg	=0deg	H.Ang≕31deg
Optical	reak		HaClass=SF	S04W33	AR4711	Mac.=DAI	Carr.Lon.=64deg	=64deg	H.Ang=33deg
BCS 04:21	222	04:23	Capeak.c/s=23	Qual= 1	FePeak=04:22	FePeak.c/s=9		dt= 7.7s	XEN=603900
UVSP 04:22	77.40		Wavelength=1375A	Code=00	Exp #=36102	Rast=280"x280"	Step=10"	rau= 9225 Pitch=+92"	1.0245/pixel, Yaw=-478"
Event # = 21205 86/02/08,16:44	D0Y=39		SMM Pointing:	S10W38		Pitch=+90", Yaw≖	, Yaw=-585", Roll	, Roll=Odeg	H.Ang=37deg
Start Optical GOFS 16:00	16:44	17.09	HaClass=SF	\$10W37	AR4711	Mac.=DAI	Carr.Lon.=61deg	=61deg	H.Ang=37deg
BCS 16:20 FCS	16:20 16:44	16:45	CaPeak.c/s=28 Peak3c/s=138	Qual= 2	FePeak=16:20	FePeak.c/s=70 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s X Cad= 590s 1	XEN=603901 1.024s/pixel
UVSP 16:40 Radio Sweeps	Type/	Type/Intensity:	Wavelength=1375A V/1	Code=00	Exp #=36145	Rast=30"x30"		Pitch=+113	', Yaw=-606"
Event # = 8168 86/02/08,21:41	D0Y=39	1 PG	SMM Pointing:	S11W43		Pitch=+106", Yaw=-658", Roll=Odeg	r=-658", Rol]=0deg	H.Ang=43deg
	722	21:44 21:40:56	Importance=B4 Peakc/s=73 Wavelength=1375A	Qual=03 Qual=01 Code=02	Exp #=36171	MaxkeV=63 Rast=30"x30"	Step=0"	Pitch=-11",Yaw=-722"	, Yaw=-722"
Radio Sweeps		Type/Intensity:	111/1						
Event # = 21206 86/02/08,22:27 Start	D0Y=39	Fnd times	SMM Pointing:	S11W44		Pitch=+107", Yaw=-669", Roll=Odeg	r=-669", Rol	1=0deg	H.Ang=44deg
GOES 22:20 BCS 22:23	22:27 22:27 23:33	22:35 22:32	Importance=85 CaPeak.c/s=29	Qual=01 Qual= 1	FePeak=22:24	FePeak.c/s=60	#Peaks=1	dt= 7.7s	XEN=603902
UVSP 22:21	07:77		FeaksC/S=154 Wavelength=1375A	Code=00	Exp #=36173	Rast=30"x30"	Step=0"	_	129.05/pixel ",Yaw=-656"
				86/02/09	9 D0Y=40				
Event # = 2120/ 86/02/09,00:06 Start	DOY=40 Peak	Fnd times	SMM Pointing:	S11W45		Pitch=+108", Yaw=-679", Roll=0deg	/=-679", Rol]=0deg	H.Ang≈45deg
GOES 00:04 BCS 00:04 FCS 23:56		60:00	CaPeak.c/s=25 Peak3c/s=96 Wavelenoth=1375A	Qual=00 Qual= 1	FePeak=00:06 Exp #=36181	FePeak.c/s=49 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad= 129s Pitch=+41".	XEN=604000 129.0s/pixel Yaw=-666"
0310 - # +							-		
Event # = 8169 86/02/09,04:51 Start	DOY=40 Peak	Fnd times	SMM Pointing:	S11W48		Pitch=+111", Yaw=-710", Roll=Odeg	!=-710", Rol	1=0deg	H.Ang=48deg
GOES HXRBS 04:51:09 UVSP 04:46		LO.	Peakc/s=66 Wavelength=1375A	Qual=00 Qual=01	Exp #=36205	MaxkeV=63 Rast=30"x30"	Step=0"	Pitch=+75",Yaw=-658"	Yaw=-658"

8170	D0Y=40		SMM Pointing:	S11W57		Pitch=+125", Yaw=	, Yaw=-802", Roll	, Roll=Odeg	H.Ang=56deg
Start 21:00 S 21:06:59 20:57	Peak 21:07:1 21:07:1	End times 21:20 6 21:07:55	ortance=C2 kc/s=255 elength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=3057 Exp #=36261	MaxkeV=88 Rast=30"x30"	Step=0"	Pitch=+48",	, Үам=-788"
208 46	D0Y=40		SMM Pointing:	S11W57		Pitch=+125",Yaw	, Yaw=-802", Roll	, Roll=Odeg	H.Ang=56deg
Start 21:21 21:53	Peak 21:46 21:54	End times 22:13 22:03	Importance=C1 (CaPeak.c/s=20 (CaPeak.c/s=20 (CaPeak.c/s=20 (CaPeak.c/s=20 (CaPeak.c/s=152)	Qual=05 Qual= 4	FePeak=21:57	FePeak.C/s=11 Bact=180"×180"	#Peaks=1 Sten=10"	dt= 7.7s Cad= 332s	XEN=604001 1.024s/pixel
21:54 Sweeps	7,9pe/	:02 Type/Intensity:	reak3() 3-132 Wavelength=1375A III/1	Code=02	Exp #=36264	Rast=280"x280"	Step=10"		', Yaw=-788"
				86/02/10	0 D0Y=41				
Event # = 21209 86/02/10,12:01	D0Y=41	:	SMM Pointing:	S11W64		Pitch=+136", Yaw	, Yaw=-859", Rol	, Roll=Odeg	H.Ang=63deg
	Peak	i times	HaClass=SB	306W66	AR4711	Mac.=CA0	Carr.Lon.	=66deg	H.Ang≃66deg
33 52	12:01 12:02 12:42	12:2/ 12:49	Importance=C3 CaPeak.c/s=89 Peak3c/s=474 Wavelength=2788A	Qual=05 Qual= 5	FePeak=12:03 Exp #=36324	FePeak.c/s=13 Rast=240"x240" Rast=15"x15"	#Peaks=1 Step=10" Step=3"	dt= 3.8s X Cad= 590s 1 Pitch=+145",	XEN=604100 1.024s/pixel ", Yaw=-850"
211 34			SMM Pointing:	S03W21		Pitch=-54", Yaw=	, Yaw=-354", Roll=Odeg	=0deg	H.Ang=22deg
Start 16:02 16:45 16:46	Peak 16:34 16:47 16:57	End times 16:43 17:03	Importance=C2 CaPeak.c/s=25 Peak3c/s=207 Wavelength=1375A	Qua]=05 Qua]= 4	FePeak=16:52 Exp #=36338	FePeak.c/s=9 Rast=240"x240" Rast=280"x280"	#Peaks=1 Step=10" Step=10"	dt= 7.7s Cad= 590s Pitch=-45",	XEN=604101 1.024s/pixel ,Yaw=-350"
t # = 8174 2/10,20:46	D0Y=41		SMM Pointing:	S03W24		Pitch≃-52",Yaw≖	, Yaw=-395", Roll=Odeg	=0deg	H.Ang=24deg
		End times	HaClass=SB	\$01W32	AR4713	Mac.=DKO	Carr.Lon.=27deg	=27deg	H.Ang=32deg
20:17 20:18:30 20:16	20:46 20:22:00 20:40	21:22 20:38:14 20:51	Importance=M1 Peakc/s=1096 CaPeak.c/s=418	Qual=03 Qual=01 Qual= 1	Tot Cts=1.29E+5 FePeak=20:36	MaxkeV=288 FePeak.c/s=66	Flags=M #Peaks=1 c+en=10"	dt= 7.7s Cad= 922s	XEN=604102 1 024s/nixel
	20:44		Peak3c/s=b4b Wavelength=1375A	Code=00	Exp #=36359	Rast=30"x30"	Step=0"	Pitch=-89"	, Yaw=-468"
ner	Type/ icy(MHz)/	<pre>Sweeps</pre>	11/2 1V/2 245/1100 410/460	606/240	1415/370 2695/740	0 4995/720 8800/790	790 15400/480	480	
# = 21212 /10,21:28 Start	D0Y=41	Fnd times	SMM Pointing:	S03W25		Pitch=-51", Yaw=-408"	-408", Roll=0deg	=0deg	H.Ang=25deg
:28		25	CaPeak.c/s=115 Peak3c/s=334 Wavelength=1375A	Qual=00 Qual= 5	FePeak=21:36 Exp #=36362	FePeak.c/s=15 Rast=240"x240" Rast=280"x280"	#Peaks=1 Step=10" Step=10"	dt= 7.7s Cad= 590s Pitch=-43",	XEN=604103 1.024s/pixel ,Yaw=-391"

55 D0Y=41 Peak	End times	SMM Pointing:	S03W25		Pitch=-51",Yaw≕	, Yaw=-408", Roll=0deg	=0deg	H.Ang=25deg
GOES 21:54 HXRBS 21:54:14 21:55:10 UVSP 21:48	22:0 21:5	Importance=C4 Peakc/s=67 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=993 Exp #=36365	MaxkeV=63 Rast=30"x30"	Step=0"	Pitch=-88"	, Yaw=-479"
			86/02/1	1 D0Y=42				
: # = 8176 :/11,01:07 DOY=42		SMM Pointing:	S03W29		Pitch=-47", Yaw=	, Yaw=-478", Roll=Odeg	=0deg	H.Ang=30deg
	Erid Limes	HaClass=1N	NO2W33	AR4713	Mac.=DKI	Carr.Lon.=26deg	=26deg	H.Ang=34deg
:20 00:59:56	01:11 01:02:34	rtance=c4 c/s=273 length=1375A	Qual=03 Qual=01 Code=00	Tot Cts=5981 Exp #=36381	MaxkeV=142 Rast=30"x30"	Step=0"	Pitch=-94"	, Үаw≖-526"
Event # = 21215 86/02/11,03:41 D0Y=42 C+art Deat	End +imes	SMM Pointing:	S03W30		Pitch=-47", Yaw=	, Yaw=-489", Roll=Odeg	=0deg	H.Ang=30deg
reak 0			0	AR4713	Mac.=DKI			
03:41 03:55 03:58	04:13 04:43	Importance=MI CaPeak.c/s=436 peak3 c/s=1388	Qual=05 Qual= 5	FePeak=03:55	FePeak.c/s=63	#Peaks=1	dt= 3.8s	XEN=604200
03:54 Frequency(MHz)/Flux(sfu)		Wavelength=1375A 4995/28 8800/55 15400/21	15400/21	Exp #=36394	Rast=280"x280"	Step=10"	Pitch=-38"	, Yaw=-485"
Event # = 21213 86/02/11,08:55 DOY=42	4 4	SMM Pointing:	S03W34		Pitch=-43", Yaw=	, Yaw=-540", Roll=0deg	=0deg	H.Ang=34deg
	בוות רווופא	HaClass=SF	NO2W37	AR4713	Mac.=DKI	Carr.Lon.=26deg	=26deg	H.Ang=38deg
08:55 08:54 08:55	08:58 08:58	<pre>Importance=t1 CaPeak.c/s=26 Peak3c/s=322</pre>			FePeak.c/s=9 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	XEN=604201 1.024s/pixel
		Wavelength=1375A	Code=00	Exp #=36413	Rast=30"x30"		Pitch=-100"	', Yaw=-600"
# = 21214 /11,12:11 DOY=42 Start Peak	End times	SMM Pointing:	S03W35		Pitch=-41", Yaw=	, Yaw=-564", Roll=Odeg	=0deg	H.Ang=35deg
12:11 12:12	12:33	CaPeak.c/s=25 Peak3c/s=144 Wavelength=2788A	Qual=00 Qual= 4	FePeak=11:37 Exp #=36425	FePeak.c/s=8 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=10" Step=3"	dt= 7.7s Cad= 590s Pitch=-35"	XEN=604202 1.024s/pixel ,Yaw=-548"
16 7 DOY=42 Deat	the times	SMM Pointing:	S03W36		Pitch=-40", Yaw=	, Yaw=-576", Roll=Odeg	#Odeg	H.Ang=36deg
13:42 13:47 13:11 13:48 13:14 13:47		Importance=C2 CaPeak.c/s=51 Peak3c/s=166	Qual=01 Qual= 4 Code=00	FePeak=13:19 Exp #=36429	FePeak.c/s=12 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Sten=0"	dt= 3.8s Cad= 768s Pitch=-97"	XEN=604203 768.0s/pixel Yaw=-657"

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H.Ang=37deg	XEN=604204 1.024s/pixel ", Yaw=-570"	H.Ang=42deg	H.Ang=43deg XEN=604205 1 024s / nivel	, Yaw=-677"		H.Ang=43deg	XEN=604300	Yaw=-648"	H.Ang=45deg	Yaw=-673"	H. Ang=46deg	XEN=604301	, Yaw=-680"	H. Ang=49deg	XEN=604302 768.0s/nixel	", Yaw=+25"
=0deg	dt= 7.7s Cad= 332s Pitch=-31"	=0deg	=24deg dt= 7.7s Cad= 022s	Pitch=-42"		=0deg	dt= 7.7s	Pitch=-7",	=0deg	Pitch=-5",Yaw=-673"	=0deg	dt= 7.7s	rad= 390s Pitch=-4",	90deg	dt= 7.7s X	Pitch=-735
, Yaw=-588", Roll=Odeg	#Peaks=1 Step=10" Step=10"	-655", Roll	Carr.Lon.=24deg Flags=I #Peaks=1 dt= 7 Sten=10" Cad=	Step=0"		666", Roll	#Peaks=1		-688", Roll	Step=3"	, Yaw=-698", Roll=0deg		Step=10 Step=3"	/=+6", Roll=		Step=5"
Pitch=-39", Yaw=	FePeak.c/s=8 Rast=180"x180" Rast=280"x280"	Pitch=-16", Yaw=-655", Roll=Odeg	Mac.=UKI MaxkeV=89 FePeak.c/s=116 Dact=300"<300"	Rast=30"x30"		Pitch=-15", Yaw=-666", Roll=Odeg	FePeak.c/s=13	Rast=280"x280"	Pitch=-13", Yaw=-688", Roll=Odeg	MaxkeV=63 Rast=255"x255"	Pitch=-11", Yaw=	FePeak.c/s=15	Kast=240 X240 Rast=255"x255"	Pitch=-737", Yaw=+6", Roll=90deg	FePeak.c/s=7	Rast=265"x265"
	FePeak=14:45 Exp #=36432		AR4/13 Tot Cts=37509 FePeak=23:16	Exp #=36475	2 D0Y=43	ı	FePeak=00:14	Exp #=36478		Exp #=36499		FePeak=05:09	Exp #=36500		FePeak=11:54	Exp #=36513
S03W37	Qua]=00 Qua]= 5	S04W42	NOOW43 Qual=03 Qual=01 Qual= 1	Code=00	86/02/12	S04W43	Qual≖ 5		S04W45	Qual=01 Qual=01 Code=00	S04W46	Qual=01 Qual= 4	Code=00	S04W49	Qual=01 Qual= 1	Code=00
SMM Pointing:	CaPeak.c/s=20 Peak3c/s=146 Wavelength=1375A	SMM Pointing:	HaClass=SN Importance=M1 Peakc/s=288 CaPeak.c/s=624	Wavelength=1375A (II/1		SMM Pointing:	CaPeak.c/s=23	Wavelength=1375A	SMM Pointing:	Importance=B5 Peakc/s=74 Wavelength=1375A	SMM Pointing:	Importance=C2 CaPeak.c/s=43	Feaksc/s=303 Wavelength=2788A	SMM Pointing:	Importance=C1 CaPeak.c/s=23	Wavelength=1375A
End times	15:23	End times	23:45 23:31:50 23:34	Type/Intensity:		7	00:23			04:15 04:09:54		06:00 05:16		Fnd +imac	12:00 11:57	
DOY=42 Peak	14:45 15:22	D0Y=42 Peak	23:25 23:24:29 23:18	Type/I		D0Y=43	00:11 00:11	3	i	04:10 04:09:50	D0Y=43	05:09 05:10	02:10		11:53 11:54 11:54	
Event # = 21217 86/02/11,14:45 Start	14:45 14:46	Event # = 8177 86/02/11,23:25 Start	22:50 23:04:42 23:01	23:16 Sweeps		#	00:11	00:13	Event # = 8178 86/02/12,04:10	04:08 04:09:47 04:03	t # = 21219 2/12,05:09	35 05 05:05 05:09	05:07	Event # = 21220 86/02/12,11:53	11:50 11:54	11:50
Event 86/02/	GOES BCS FCS UVSP	Event 86/02/	Optical GOES HXRBS BCS ECS	UVSP Radio		Event 86/02/	BCS	UVSP	Event 86/02,	GOES HXRBS UVSP	Event 86/02/	GOES BCS	WSP	Event 86/02,	GOES BCS FCS	UVSP

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H.Ang=55deg	XEN=604303 1.024s/pixel	, raw=+824"	H.Ang=58deg	XEN=604304 1.024s/pixel ,Yaw=+838"	H.Ang=58deg	XEN=604305 2.048s/pixel	, Yaw=+848"	H.Ang=58deg	XEN=604306	0.256s/pixel ,Yaw=+836"		H.Ang=59deg	XEN=604400 129.0s/pixel ,Yaw=+860"	H.Ang=59deg	XEN=604401	129.0s/pixel ,Yaw=+860"	H.Ang=61deg	, Yaw=+865"
, Roll=180deg	dt= 7.7s Cad= 332s	F1tcn=+38	, Roll=180deg	dt= 7.7s Cad= 922s Pitch=+79",	, Roll=180deg	dt= 7.7s Cad=2.05s	_	, Roll=180deg		Cad=.26s Pitch=+77"		, Roll=180deg	dt= 7.7s Cad= 129s Pitch=+29",	, Roll=180deg		Cad= 129s Pitch=+29",	, Roll=180deg	Pitch=+28",
, Yaw=+797", Roll	#Peaks=1 Step=10"		, Yaw=+826", Roll	#Peaks=1 Step=10" Step=0"	, Yaw=+826", Roll	#Peaks=1 Step=0"	Step=10"	, Yaw=+826", Roll	#Peaks=1	Step=0" Step=0"		, Yaw=+837", Roll	#Peaks=1 Step=0" Step=5"	, Yaw=+837", Roll	#Peaks=1	Step=0" Step=5"	, Yaw=+850", Roll	Step=3"
Pitch=+31", Yaw	FePeak.c/s=10 Rast=180"x180" Dast=1200"<200"	KAS L=200 X200	Pitch=+25", Yaw	FePeak.c/s=13 Rast=300"x300" Rast=30"x30"	Pitch=+25", Yaw	FePeak.c/s=15 Rast=0"x0"	Rast=280"x280"	Pitch=+25", Yaw	FePeak, c/s=15	Kast=0"x0" Rast=30"x30"		Pitch=+24", Yaw=	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	Pitch=+24", Yaw=	MaxkeV=89 FePeak.c/s=12	Kast=0"x0" Rast=265"x265"	Pitch=+20", Yaw=	MaxkeV=63 Rast=243"x243"
	FePeak=17:31	EXP #=30323		FePeak=21:26 Exp #=36546			Exp #=36549		FePeak=23:05	Exp #=36554	3 D0Y=44		FePeak=00:29 Exp #=36562		Tot Cts=343 FePeak=00:35	Exp #=36562		Exp #=36564
S02W55	Qual=05 Qual= 5	70-anon	S02W58	Qual=00 Qual= 1	S02W58	Qual=05 Qual= 5	Code=02	S02W58	Qua]=01 Qua]= 1	Code=00	86/02/1		Qual=01 Qual= 1 Code=00	S02W59	Qual=01 Qual=01 Qual= 1	Code=01	S02W61	Qual=01 Qual=01 Code=00
SMM Pointing:	Importance=B8 CaPeak.c/s=19 Peak3c/s=131	#47615119 CII-17/74	SMM Pointing:	CaPeak.c/s=19 Peak3c/s=29 Wavelength=1375A	SMM Pointing:	Importance=C3 CaPeak.c/s=22 Peak3.c/s=57	Wavelength=13/5A	SMM Pointing:	Importance≖B9 CaPeak.c/s=19	Wavelength=1375A		SMM Pointing:	Importance=Cl CaPeak.c/s=18 Peak3c/s=51 Wavelength=1375A	SMM Pointing:	Importance=Cl Peakc/s=132 CaPeak.c/s=26	reaksc/s=bU Wavelength=1375A	SMM Pointing:	Importance=B4 Peakc/s=89 Wavelength=2788A
	18:20 17:35		Find times	34		^			23:08 23:09 23:09				00:32 00:32 00:30		00:34:07 00:37		4	01:55 01:52:07
D0Y=43	17:27 17:29 17:33		D0Y=43		D0Y=43	22:08 22:12 22:20		D0Y=43	23:03 23:05			D0Y=44	00:24 00:39 00:39		00:35 00:34:02 00:34:02	66:33	DOY=44	01:52 01:51:26
Event # = 21221 86/02/12,17:27	17:00 17:29 17:31	¥0.71	# = 21222 /12,21:22 Start	21:22 21:12 21:16	2/12,22:08	22:01 22:12 22:13	22:13	# = 21224 712,23:03 5+3rt	23:01 23:03	22:51		# = 21225 13,00:24	00:20 00:29 00:20	# = 8179 13,00:35	GOES 00:33 HXRBS 00:33:55 BCS 00:34	00:50	# = 8180 13,01:52 Start	01:50 01:51:09 01:22
Event 86/02/	GOES BCS FCS	5	Event 86/02/	GOES BCS FCS UVSP	Event 86/02/	GOES BCS FCS	devo	Event 86/02/	GOES BCS FCS	UVSP		Event 86/02/	GOES BCS FCS UVSP	Event 86/02/	GOES HXRBS BCS FCS		Event # 86/02/1	GOES HXRBS UVSP

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H.Ang=61deg	XEN=604402 3840s/pixel	H.Ang=61deg XEN=604403 129.0s/pixel	H.Ang=61deg XEN=604404 3840s/pixel	H.Ang=61deg XEN=604405 851.55/pixel	H.Ang=51deg H.Ang=65deg XEN=604406 1.024s/pixel , Yaw=+906"	Н.Ang=76deg ,Үаw=+912"	H.Ang=76deg XEN=604407 1.024s/pixel , Yaw=+923"
, Roll=180deg	dt= 0.5s Cad=3840s	7s 29s	,Roll=180deg ks=1 dt= 0.5s =0" Cad=3840s	,Roll=180deg ks=1 dt= 7.7s =0" Cad= 851s	180deg =23deg dt= 0.5s Cad=1.02s Pitch=+68"	,Roll=180deg =0" Pitch=+62"	,Roll=180deg ks=1 dt= 7.7s =10" Cad= 590s =0" Pitch=+51"
+850", Roll=	#Peaks=1 Step=0"	.Yaw=+850",Roll=180deg =33 #Peaks=1 dt= 7. Step=0" Cad= 1	,Yaw=+853",Roll: -4 #Peaks=1 Step=0"	,Yaw=+853",Roll3=32 #Peaks=1 Step=0"	r.Lon. gs=I aks=1 p=0"	,Yaw=+943",Roll 0" Step=0"	#Pea Step Step
Pitch=+20", Yaw=+850"	FePeak.c/s=15 Rast=0"x0"	Pitch=+20", Yaw= FePeak.c/s=33 Rast=0"x0"	Pitch=+17", Yaw= FePeak.c/s=4 Rast=0"x0"	Pitch=+17", Yaw= MaxkeV=63 FePeak.c/s=32 Rast=0"x0" MaxkeV=63	Pitch=+0", Yaw=+921" Mac.=EKO Car MaxkeV=89 Fla FePeak.c/s=12 #Pe Rast=10"x0" Ste Rast=10"x10" Ste	Pitch=+27",Yaw MaxkeV=63 Rast=30"x30"	Pitch=+27", Yaw= FePeak.c/s=10 Rast=240"x240" Rast=30"x30"
	FePeak=03:02	FePeak=03:10	FePeak=04:42	FePeak=04:54 Event # = 8182	AR4713 Tot Cts=2694 FePeak=17:20 Exp #=36567	Tot Cts=628 Exp #=36573	FePeak=19:33 Exp #=36577
S02W61	Qual=00 Qual= 5 F	S02W61 Qual=00 Qual= 4	S02W61 Qual=00 Qual= 5	\$02W61 Qual=01 Qual=01 Qual= 1 Sociated Qual=01	502W71 503W65 503W65 3ua = 01 3ua = 2 2ode=00	NOOW76 Qual=01 Qual=01 Code=00	NOOW76 Qual=03 Qual= 1 Code=00
SMM Pointing:	CaPeak.c/s=141 Peak3c/s=82	SMM Pointing: CaPeak.c/s=373	SMM Pointing: CaPeak.c/s=40 Peak3c/s=30	SMM I	SMM Pointing: SHaClass=SB SImportance=C2 CaPeakc/s=53 CaPeak.c/s=31 CPeak3c/s=584 Wavelength=1375A	SMM Pointing: Peakc/s=131 Wavelength=1375A	SMM Pointing: Importance=B7 (CaPeak.c/s=22 (Peak3c/s=13 Wavelength=1375A (
	03:03 (End times 03:51	End times 04:43	End times 05:11 04:55:12 05:26	End times 17:23 17:23:14 17:21	End times 18:50 18:47:55	End times 19:40 19:34
D0Y=44	03:02 03:02	D0Y=44 Peak 03:11	85 22	DOY=44 Peak 04:53:09 04:53:09 04:54 05:02	D0Y=44 Peak 17:20 17:20:23 17:20 17:21	D0Y=44 Peak 18:47	DOY=44 DOY=44 Peak 19:30 19:33
t # = 21227 2/13,03:02		:# = 21226 2/13,03:11 Start 03:09	# = 21228 /13,04:42 Start 04:42	# = 8181 /13,04:54 Start 04:51 04:52 04:50	# = 8344 /13,17:20 Start al 17:15 17:15:17:57 17:05	# = 8188 /13,18:47 Start 18:45 18:47:15 18:47:15	# = 21229 /13,19:30 Start 19:28 19:33
Event # 86/02/1	GOES BCS FCS	Event # 86/02/1 GOES BCS	ابدرز	וארו וארוו	Event # 86/02/11 0ptical 60ES HXRBS FCS UVSP	Event 86/02/ GOES HXRBS UVSP	Event 86/02/ GOES BCS FCS UVSP

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		de de Wester - Y		86/02/15	5 D0Y=46			
Event # = 21233 86/02/15,04:12	0		SMM Pointing:	N01W86		Pitch=+19",Yaw≕	Pitch=+19", Yaw=+971", Roll=180deg	H.Ang≖86deg
Start Optical	T 2	samıı r	Code=BSL	S04W90	AR4713	Mac.=DKI	Carr.Lon.=29deg	H.Ang=90deg
GUES 04:07 BCS 04:10 FCS	04:12 04:12 04:14	04:15	importance=ti CaPeak.c/s=34 Peak3c/s=26	(ual=01 (ual= 1	FePeak=04:13	FePeak.c/s=10 Rast=60"x60"	#Peaks=1 dt= 7.7s Step=10" Cad= 498s	xEN=604600 13.82s/pixel
Event # = 8578 86/02/15,08:45	D0Y=46	1	SMM Pointing:	N01W86		Pitch=+19", Yaw=	Pitch=+19", Yaw=+971", Roll=180deg	H.Ang=86deg
optical	רמא אמ	n	HaClass=SN	S01W83	AR4713	Mac.=DKI	Carr.Lon.=19deg	H.Ang=83deg
GOES 08:40 HXRBS 08:44:36 Radio Sweeps	08:45 08:45:30 Type/	08:45 08:52 08:45:36 08:46:26 Type/Intensity:	Imp Pea III	Qual≖01 Qual=01	Tot Cts=20000	MaxkeV=198	Flags=I	
Event # = 8579 86/02/15,12:03	D0Y=46	Fnd +imes			and the state of t			
GOES 10:16 12:03 13:00 HXRBS 11:28:21 11:29:12 11:38:14 Radio Frequency(MHz)/Flux(sfu):	12:03 11:29:12 ICy (MHz) //	13:00 2 11:38:14 Flux(sfu):	<pre>Importance=M2 Qual=03 Peakc/s=138 Qual=12 Tot Cts=27120 1415/2800 2695/2600 4995/1400 8800/1100</pre>	Qual=03 Qual=12 600 4995/7	Tot Cts=27120 1400 8800/1100	MaxkeV=142	Flags=I,SN,IS	
Event # = 8580 86/02/15,13:05	D0Y=46	-						
Start Peak End Times GOES 13:04 13:05 13:06 HXRBS 13:03:49 13:04:36 13:06:14	Peak 13:05 13:04:30	13:06 13:06 5 13:06:14	Importance=M1 Peakc/s=548	Qual=03 Qual=02	Tot Cts=20200	MaxkeV=227	Flags=I,SN	
Radio Sweeps Radio Frequen	lype/ cy(MHz)//	Intensity: Flux(sfu):	V/1 1415/190 2695/290 4995/180 8800/170	0 4995/18	0 8800/170			
Event # = 8581 86/02/15,13:09	1	# 70 C						
Start GOES 13:06 HXRBS 13:08:10	13:09 13:08:53	13:16 3 13:09:38	Importance=M2 Peakc/s=5178	Qual=01 Qual=01	Tot Cts=1.15E+5 MaxkeV=354	MaxkeV=354	Flags≖I	
Event # = 21234 86/02/15,14:38 Start	D0Y=46 Peak	End times	SMM Pointing:			Pitch=+16", Yaw=	Pitch=+16", Yaw=+1001", Roll=180deg	
GOES BCS 14:38 FCS 15:00			CaPeak.c/s=42 Peak3c/s=84 Wavelength=1375A	Qual=00 Qual= 5	FePeak=14:39 Exp #=36650	FePeak.c/s=9 Rast=240"x240" Rast=280"x280"	#Peaks=1 dt= 7.7s Step=10" Cad= 590s Step=10" Pitch=+25"	XEN=604601 1.024s/pixe1 ", Yaw=+1019"
Event # = 21235 86/02/15,17:47 Start	DOY=46 Peak	End times	SMM Pointing:			Pitch=+16", Yaw=	Pitch=+16", Yaw=+1001", Roll=180deg	
GOES BCS 17:47 FCS 17:49 UVSP 17:49	17:47 17:49		CaPeak.c/s=39 Peak3c/s=41 Wavelength=1375A	Qual=06 Qual= 5	FePeak=17:47 Exp #=36664	FePeak.c/s=17 Rast=0"x0" Rast=280"x280"	#Peaks=1 dt= 7.7s Step=0" cad=3840s Step=10" Pitch=+25"	XEN=604602 3840s/pixel ",Yaw=+1019"

				86/02/16	6 D0Y=47				
	D0Y=47	E	SMM Pointing:			Pitch=+17", Yaw=+1001", Roll=180deg	+1001", Ro1]=180deg	
	00:39 00:42 00:41 00:41 00:05		Importance=C1 CaPeak.c/s=25 Peak3c/s=25 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=00:41 Exp #=36696	FePeak.c/s=8 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=10" Step=3"	dt= 7.7s Cad= 590s Pitch=+23"	XEN=604700 1.024s/pixel ,Yaw=+1021"
# = 21237 /16,02:15 Start	D0Y=47	Fnd times	SMM Pointing:			Pitch=+17", Yaw=+1001"	+1001", Rol	', Roll=180deg	
	02:15 02:15 02:15		<pre>Importance=C1 CaPeak.c/s=23 Peak3c/s=28</pre>	Qual=01 Qual= 1	FePeak=02:12	FePeak.c/s=8 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	XEN=604701 1.024s/pixel
	# = 21242 /16,11:46 D0Y=47 Start Peak	End times	SMM Pointing:			Pitch=+12", Yaw=	, Yaw=+1008", Roll=180deg	1=180deg	
	11:46 11:57	12:02	CaPeak.c/s=49 Peak3c/s=89	Qual=00 Qual= 1	FePeak=11:40	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad= 768s	XEN=604702 768.0s/pixel
	D0Y=47 Peak	End times	SMM Pointing:			Pitch=+12", Yaw=	, Yaw=+1008", Roll=180deg	1=180deg	
11:34 11:35 Sweeps	11:51 11:46 11:57 Type/1	11:51 11:56 11:46 12:02 11:57 Type/Intensity:	Importance=Cl CaPeak.c/s=49 Peak3c/s=89 V/1	Qual=03 Qual= 1	FePeak=11:40	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad= 768s	XEN=604702 768.0s/pixel
t # = 21239 2/16,14:50 Start	DOY=47	Fnd times	SMM Pointing:			Pitch=+12", Yaw=	, Yaw=+1008", Roll=180deg	1=180deg	
	14:50 14:49 14:49 Type/I	15:38 14:57 e/Intensity:	Importance=86 CaPeak.c/s=29 Peak3c/s=22 V/1	Qual=03 Qual= 1	FePeak=14:45	FePeak.c/s=11 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	XEN=604703 1.024s/pixel
	DOY=47 Peak	End times							
	22:47 22:42	22:48	CaPeak.c/s=46 Peak3c/s=16 Wavelength=1375A	Qua]=00 Qua]= 2	FePeak=22:47 Exp #=36719	FePeak.c/s=29 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-71"	XEN=604704 1.024s/pixel ,Yaw=+954"
# = 21240 /16,23:01 Start	D0Y=47 Peak	End times							
		23:03	CaPeak.c/s=250 Peak3c/s=28 Wavelength=1375A	Qual=00 Qual= 1	FePeak=23:01 Exp #=36720	FePeak.c/s=108 Rast=300"x300" Rast=280"x280"	#Peaks=1 Step=10" Step=10"	dt= 7.7s Cad= 922s Pitch=+25"	XEN=604705 1.024s/pixel ,Yaw=+1019"

1 1 1	1	1		1 1 1	1	,
XEN=604706 3840s/pixel ",Yaw=+944"	XEN=604800 3840s/pixel ,Yaw=+904"	XEN=604801 2.048s/pixel ,Yaw=+904"	XEN=604802 2.048s/pixel ,Yaw=+1021"	, үам=+938"	H.Ang=87deg H.Ang=71deg XEN=606000 1.024s/pixe1	
Flags=I,EN,DG #Peaks=1 dt= 0.5s Step=0" Cad=3840s Step=0" Pitch=-91",	dt= 0.5s Cad=3840s Pitch=+30",	dt= 7.7s Cad=2.05s Pitch=+30",	,Roll=180deg s=1 dt= 7.7s 0" cad=2.05s 3" Pitch=+23",		.7s .02s	
Flags=1,Eh #Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"	,Yaw=+1003",Rol =10 #Peaks=1 Step=0" 243" Step=3"	,Yaw=+1001",Roll=180deg Flags=NS,GB 1" Step=0" Pitch=+	,Yaw=+968",Roll=0deg Carr.Lon.=37deg =11 #Peaks=1 dt= 7 Step=0" Cad=1	#Peaks=1 Step=0" Step=10"
MaxkeV=142 FePeak.c/s=59 Rast=0"x0" Rast=30"x30"	FePeak.c/s=5 Rast=0"x0" Rast=30"x30"	FePeak.c/s=15 Rast=0"x0" Rast=30"x30"	Pitch=+23", Yaw= FePeak.c/s=10 Rast=0"x0" Rast=243"x243"	Pitch=+16", Yaw MaxkeV=258 Rast=180"x1"	Pitch=-33", Yaw Mac.=DKC MaxkeV=63 FePeak.c/s=11 Rast=0"x0"	Rast=30.x30. FePeak.c/s=11 Rast=0"x0" Rast=280"x280"
Tot Cts=1.27E+5 FePeak=23:39 Exp #=36723 DOY=48	15	FePeak=01:22 Exp #=36729	FePeak=04:34 Exp #=36735	D0Y=49 Tot Cts=39 Exp #=36759	D0Y=60	Exp #=3/004 Event # = 21246 FePeak=16:02 Exp #=37005
Qual=02 Qual=13 Qual= 5 Code=00	Qual= 5	Qual=00 Qual= 5	Qual=00 Qual= 4	86/02/18 Qual=01	86/03/01 NO2E87 NO2E71 Qual=03 Qual=10 Qual=2	A Code=UU Associated Qual= 1 A
Importance=C7 Peakc/s=240 CaPeak.c/s=297 Peak3c/s=44 Wavelength=1375A	CaPeak.c/s=53 Peak3c/s=65 Wavelength=1375A	CaPeak.c/s=190 Peak3c/s=187 Wavelength=1375A	SMM Pointing: CaPeak.c/s=35 Peak3c/s=100 Wavelength=2788A	SMM Pointing: Peakc/s=52 Wavelength=2788A	SMM Pointing: New HaClass=SN New Importance=C2 Q Peakc/s=62 Q CaPeak.c/s=44 Q Peak3c/s=322	Wavelength=13/5A
End times 01:50 22:53:01 23:40	End times 01:16	End times 02:11	End times 05:19	End times 04:38:26	End times 16:04 15:53:10 15:55	16:05
D0Y=47 Peak 23:57 22:42:40 23:39 23:39	DOY=48 Peak 01:15 01:15	DOY=48 Peak 01:24 01:27	DOY=48 Peak 04:36 04:44	DOY=49 Peak 04:38:19	DOY=60 Peak 15:53 15:50:56 15:52 15:52	16:02 16:01
# = 8582 /16,23:57 /16,23:57 22:45 22:27:23 23:39 23:42	: # = 21243 :/17,01:15 Start 01:15	# = 21244 17,01:24 Start 01:22 00:35	# = 21245 /17,04:36 Start 04:34 04:30	# = 12751 /18,04:38 Start 04:38:15 04:51	# = 8 (01,15 Star 15:4 15:5 15:5	15:45
Event 86/02/ GOES HXRBS BCS FCS UVSP	Event 86/02/ 8CS FCS UVSP	Event 86/02/ GOES BCS FCS UVSP	Event 86/02/ 60ES BCS FCS UVSP	Event 86/02, HXRBS UVSP	Event 86/03/ 0ptica GOES HXRBS BCS FCS	UVSP BCS FCS UVSP

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	H.Ang=77deg	XEN=606100 1.024s/pixel , Yaw=+896"	H.Ang=77deg	H.Ang=64deg	XEN=606101 1.024s/pixel ,Yaw=+869"	XEN=606102 1.024s/pixel ,Yaw=+859"	H.Ang=73deg	, Yaw=+939"	H.Ang=68deg	H.Ang≕57deg	=	1 1 1 1 1	H.Ang=68deg	H.Ang=54deg	XEN=606103 3840s/pixel	, Yaw=+908"	XEN=606104	, Yaw=+792"
	=0deg	dt= 7.7s Cad= 590s Pitch=-81"	=0deg	=36deg	dt= 0.5s Cad= 590s Pitch=-95"	dt= 7.7s Cad= 922s Pitch=-15"	=0deg	Flags=NS,GB Step=10" Pitch=-46",Yaw=+939	, Roll=Odeg	=35deg	tch	1 1 f 1	#0deg	=38deg	dt= 0.5s Cad=3840s	Pitch=-57", 	7.7s	-
	', Yaw=+944", Roll=Odeg	#Peaks=1 Step=10" Step=0"	, Yaw=+944", Roll=Odeg	Carr.Lon.=36deg	#Peaks=1 Step=10" Step=0"	#Peaks=1 Step=10" Step=0"	, Yaw=+924", Roll=0deg	Flags=NS, Step=10"	, Yaw=+894", Roll	Carr.Lon.=35deg	Step=5"		, Yaw=+894", Roll=0deg	Carr.Lon.=38deg		Step=10"	#Peaks=1 Sten=10"	Step=0"
And the second s	Pitch=-44", Yaw	MaxkeV=63 FePeak.c/s=9 Rast=240"x240" Rast=30"x30"	Pitch=-44", Yaw	Mac.=DKC	MaxkeV=63 FePeak.c/s=12 Rast=240"x240" Rast=30"x30"	FePeak.c/s=7 Rast=300"x300" Rast=30"x30"	Pitch=-53", Yaw	MaxkeV=290 Rast=280"x280"	Pitch=-64", Yaw=	Mac.=DKC	MaxkeV=63 Rast=265"x265"		Pitch=-64", Yaw=	Mac.=DKC	FePeak.c/s=6 Rast=0"x0"	Rast=280"x280"	FePeak.c/s=9 Rast=240"x240"	Rast=30"x30"
2 D0Y=61		Tot Cts=1726 FePeak=02:59 Exp #=37045		AR4717	Tot Cts=5655 FePeak=05:43 Exp #=37059	Event # = 2124/ FePeak=05:54 Exp #=37061		Tot Cts=364 Exp #=37081		AR4717	Tot Cts=972 Exp #=37117 Event # = 8100	æ		AR4717	σo.	Exp #=37118 Fvent # = 21249	(=21:07	Exp #=37119
86/03/02	N01E77	Qual=03 Qual=01 Qual= 1 A Code=00	N01E77	NO1E64 Oual=03	Qual=01 Qual= 2 Code=00	Associated Qual= 1 5A	N01E72	Qual=01	N01E67	S01E57		•	N01E67	NO0E54	Qual= 5	A Associated	Qual= 1	
	SMM Pointing:	Importance=86 (Peakc/s=174 (CaPeak.c/s=25 (Peak3c/s=38	SMM Pointing:	HaClass=1B Importance=C3	x.c/s=112 ak.c/s=27 3.c/s=82 length=1375	CaPeak.c/s=29 Peak3c/s=102 Wavelength=1375A	SMM Pointing:	Peakc/s=57 Wavelength=1375A	SMM Pointing:	HaClass=SF Importance=R9	Peakc/s=118 Wavelength=1375A	Peakc/s=69	SMM Pointing:	HaClass=SN	CaPeak.c/s=21 Peak3c/s=14	Wavelength=1375 	CaPeak.c/s=70 Peak3c/s=152	Wavelength=1375A
	Fnd +imes	03:02 03:02 03:02	Fnd + impo	6:44	05:44:5 05:43		Fod + imag	11:33:06	Fnd +imes	0:22	19:52:56	19:50:53	End times	6	20:59	1	21:35	
	00Y=61	02:56 02:57:20 02:59 03:01	D0Y=61	05:	05:42:35 05:43 05:42	05:54 05:59 05:59		11:32:41	D0Y=61 Peak	19:53	19:52:22	19:50:24	DOY=61 Peak	20:49	20:58 20:59		21:07 21:10	
	# = 8197 /02,02:56 Start	02:54 02:57:02 02:59 02:44	/ent # = 8198 5/03/02,05:44 Start	al 05:37	05:40:0 05:42 05:36	05:50	: # = 12752 3/02,11:32 Start	11:31:35 11:33	# = 8200 /02,19:53 Start	19:47	19:51 19:26	19:50:12	# = 21248 '02,20:49 Start	┈``	0:5	21:00	21:06	21:01
	Event 86/03/	GOES HXRBS BCS FCS UVSP	Event 86/03/	Optica GOES	HXRBS BCS FCS UVSP	BCS FCS UVSP	Event 86/03/	HXRBS UVSP	Event 86/03/	Optica GOES	HXRBS UVSP	HXRBS	1 m	23	SSS	י לאטי י	న్లో నిగ	UVSP

				86/03/03	D0Y=62				
Event # = 8201 86/03/03.05:01	D0Y=62		SMM Pointing:	N00E55		Pitch=-69", Yaw=-	, Yaw=+799", Roll=Odeg	=0deg	H.Ang=56deg
٠, الــــــــــــــــــــــــــــــــــــ	Peak	End times	HaClass=1B	N01E52	AR4717	Mac.=DKC	Carr.Lon.=35deg	=35deg	H.Ang≃53deg
GOES 04:56 HXRBS 04:58:43 BCS 04:59 FCS 04:52 UVSP 04:52 Radio Frequen	04:56 05:01 05:04 04:58:43 05:00:14 05:02:40 04:59 04:59 05:00 04:52 04:59 Frequency (MHz)/Flux(sfu)	05:04 05:02:46 05:00 1ux(sfu):	້ ນັ້ນ	Qual=01 Qual=01 Qual= 2 A Code=00 4995/54 88	Tot Cts=46782 FePeak=04:59 Exp #=37155 8800/65 15400/31	MaxkeV=143 FePeak.c/s=11 Rast=120"x120" Rast=30"x30"	#Peaks=1 Step=20" Step=0"	dt= 0.5s Cad=18.4s Pitch=-87",	XEN=606200 0.512s/pixel ',Yaw=+837"
Event # = 8202 86/03/03,12:54	D0Y=62	l č	SMM Pointing:	N00E51		Pitch=-77",Yaw≕	, Yaw=+750", Roll=0deg	=0deg	H.Ang=51deg
Start GOES 12:42 HXRBS 12:51:43 BCS 12:53	12:54 12:53:08 12:53	End times 13:33 12:57:20 12:54	Importance=M1 Peakc/s=1965 CaPeak.c/s=20 Peak3c/s=740	Qual=01 Qual=01 Qual= 2	Tot Cts=56103 FePeak=12:53	MaxkeV=170 FePeak.c/s=12 Rast=0"x0"	Flags=M #Peaks=1 Step=0"	dt= 0.5s Cad=21.2s	dt= 0.5s XEN=606201 Cad=21.2s 21.25s/pixe1
_	cy (MHz)	(sfu):	Wavelength=1375A 1415/47 2695/65 4	995/39	=37186	Rast=30"x30"	Step=0"	Pitch=+796	", Yaw=+89"
BCS 13:00 FCS		13:16	As CaPeak.c/s=45 Peak3c/s=210	Associated Qual= 4	_rvent # = 2125U FePeak=13:01	FePeak.c/s=13 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad= 860s	xEN=606202 860.4s/pixel
Event # = 8203 86/03/03,13:35	D0Y=62	+	SMM Pointing:	N00E51		Pitch=-77", Yaw=+750", Roll=Odeg	:+750", Roll	=0deg	H.Ang=51deg
Scart 60ES 13:31 HXRBS 13:33:45 BCS 13:35 FCS 13:35 UVSP 14:18	Feak 13:35 5 13:34:25 13:36 13:37	13:43 13:35:54 13:40	Importance=C2 Peakc/s=240 CaPeak.c/s=67 Peak3c/s=198 Wavelength=1375A	Qual=01 Qual=01 Qual= 1	Tot Cts=3499 FePeak=13:35 Exp #=37187	MaxkeV=63 FePeak.c/s=22 Rast=0"x0" Rast=280"x280"	#Peaks=1 Step=0" Step=10"	dt= 7.7s Cad= 860s Pitch=-71"	XEN=606203 860.4s/pixel ,Yaw=+758"
Event # = 21251 86/03/03,14:19	1 D0Y=62	1000	SMM Pointing:	N00E50		Pitch=-79", Yaw=	, Yaw=+740", Roll	,Roll=Odeg	H.Ang=50deg
Sa] (reak 14.10			NO2E48	AR4717	Mac.=DKC	Carr.Lon.	.=34deg	H.Ang=49deg
GOES 13:51 BCS 14:16 FCS 14:18 UVSP 14:18	14:19 14:16 14:17	14:35 14:17	importance-co CaPeak.c/s=28 Peak3c/s=14 Wavelength=1375A	Qual= 5 Code=00		FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 0.5s Cad=1.02s Pitch=-76"	XEN=606204 1.024s/pixel ,Yaw=+653"
14	 14:25 14:32	15:14	CaPeak.c/s=120 Peak3c/s=1669	ssociated Qual= 1	Event # = 21252 FePeak=14:27	FePeak.c/s=19 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad= 567s	XEN=606205 567.3s/pixel
				86/03/04	4 D0Y=63				
Event # = 8204 86/03/04,11:37	D0Y=63	som;+ ban	SMM Pointing:	N00E38		Pitch=-96",Yaw≕	, Yaw=+602", Roll=0deg	=0deg	H.Ang=39deg
1:36: 1:20		11:38:5	Peakc/s=120 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=3684 Exp #=37266	MaxkeV=89 Rast=30"x30"	Step=0"	Pitch=-123	Pitch=-123", Yaw=+580"

DOY=64 End times HaClass=SN NO4E24					86/03/05	5 D0Y=64				
Name	# = 8591 705,04:30	D0Y=64			N00E29	I	Pitch=-107", Yaw	/=+466", Rol	1=0deg	H. Ang=30deg
04:29 06:28 1 07:39 04:30 04:39 04:39 04:39 04:39 04:30 04:3	Start al	reak	בום מ	HaClass=SN	N04E24	AR4717	Mac.=DKI	Carr.Lon.	=37deg	H.Ang=26deg
DOY=64 End times	04:27: 04:29	2888	945 945 95 95 95 95 95 95 95 95 95 95 95 95 95	nmportance-ci Peakc/s=109 CaPeak.c/s=47 Peak3c/s=62 Wavelength=2788A		Tot Cts=2580 FePeak=04:30 Exp #=37332	MaxkeV=63 FePeak.c/s=14 Rast=240"x240" Rast=243"x243"			XEN=606400 1.024s/pixel ',Yaw=+486"
07:09 08:20 07:09 08:20 07:08 07:09 08:20 07:08 07:36 07:09 08:20 07:08 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:36 07:37 07:37 07:37 07:37 07:37 07:37 07:38 07:39 07:39 07:39 07:30	Event # = 8592 86/03/05,07:09 Start	DOY=64 Peak	time	S	N00E28		Pitch=-108", Yaw	=+453", Rol]=0deg	H.Ang=29deg
107.08:21 07:09-48 Peak:		07:09		HaClass=18 Importance=M2	NO4E26 Oual=03	AR4717	Mac.=DKI	Carr.Lon.	=34deg	H.Ang=28deg
Mayelength=1375A Code=02 Exp #=3731 Rast=280"X280" Step=10" Pitch=101" Vaca+1458" Vaca+4458" Vaca	7:08:11 7:16	07:08:21 07:17 07:36	07:09:48 07:41	Peakc/s=1922 CaPeak.c/s=165 Peak3.c/s=123		Tot Cts=44150 FePeak=07:17	MaxkeV=228 FePeak.c/s=22 Dast=25"<25"	Flags=1,SP #Peaks=1 C+en=E"	dt= 7.7s	XEN=606402
07:09 07:09 Capeak C/s=64 Qual=5 FePeak=07:08 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel D0Y=64 End times	7:09		1	Wavelength=1375A	Code=02		-			1.0245/pixer ', Yaw=+458"
DOY=64 End times Importance=B5 Qual=01	07:08	86	60:	CaPeak.c/s=64 Peak3c/s=21	Sociated Qual= 5			#Peaks=1 Step=0"	dt= 0.5s Cad=3840s	1 0
13:59:15 13:59:49 Peakc/s=70 Qual=01 13:59:15 Peakc/s=70 Qual=01 13:59:15 Peakc/s=70 Qual=01 14:05 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01 15:50 Peakc/s=70 Qual=01	= 8206 5,14:01	D0Y=64	End times		N00E24		Pitch=-112", Yaw	=+387", Roll	=0deg	H.Ang=25deg
DOY=65 SMM Pointing: NODE16 Pitch=-118", Yaw=+261", Roll=Odeg Peak End times HaClass=SN NODE11 AR4717 Mac.=DKI Carr.Lon.=37deg 04:15 HaClass=SN NOGE11 AR4717 Mac.=DKI Carr.Lon.=37deg 04:15 HaClass=SN NOGE11 AR4717 Mac.=DKI Carr.Lon.=37deg 04:15 Capeak.c/s=50 Qual=0 FePeak=04:16 FePeak.c/s=10 #Peaks=1 04:15 Capeak.c/s=20 Qual=2 FePeak=04:16 Rast=120"x120" Step=20" Cad=18.4s Wavelength=1375A Cad=0 Exp #=37412 Rast=30"x30" Step=10" Cad=18.4s 04:24 O4:32 Capeak.c/s=143 Qual=1 FePeak=04:24 FePeak.c/s=31 #Peaks=1 04:31 Peak3c/s=55 Peak3c/s=55 Rast=300"x30" Step=10" Cad=922s DOY=65 End times HaClass=SN NOGE11 AR4717 Mac.=DSI Carr.Lon.=37deg Q4:31:30 O4:31:39 Peakc/s=329 Qual=01 Tot Cts=1580	13:58 13:58:59 13:28	-	14:13 13:59:49	Importance=B5 Peakc/s=70 Wavelength=1375A	Qual=01 Qual=01	Exp #=37374	MaxkeV=63 Rast=30"x30"	Step=0"	Pitch=-99",	Yaw=+340"
DOY=65 Peak End times HaClass=SN NO6E11 AR4717 Ac.=DXI Carr.Lon.=37deg 04:15	1				86/03/06					
04:17 04:18 04:15:47 04:18 04:16 04:16 04:16 04:16 04:19 04:16 04:16 04:16 04:16 04:16 04:16 04:16 04:19 04:15 HaClass=SN 1 mportance=C6 0ual=03 04:16 04:16 04:16 04:16 04:16 04:17 04:16 04:17 04:16 04:17 04:18 04:19 04:19 04:19 04:19 04:19 04:19 04:19 04:19 04:19 04:19 04:19 04:10 04:19 04:10 04:1		DOY=65 Peak	times	SMM Pointing:	N00E16		Pitch=-118", Yaw	=+261", Roll	=0deg	H.Ang=17deg
04:15:47 04:19:26 PeakC/s=571 Qual= 2 FePeak=04:16 FePeak.c/s=10 #Peaks=1 dt= 0.5s 04:16 O4:17 O4:19:26 CaPeak.c/s=30 Qual= 2 FePeak=04:16 FePeak.c/s=10 #Peaks=1 dt= 0.5s 04:16 O4:17 O4:19:20 CaPeak.c/s=20 O4:16 Peaks.c/s=10 Qual= 2 FePeak=04:16 Peaks.c/s=10 #Peaks.c/s=10 Peaks.c/s=10 Pitch=-118 Peaks.c/s=10 Peak	04:12			HaClass=SN Importance=C6	NO6E11 Oual=03	AR4717	Mac.=DKI	Carr.Lon.=	37deg	H.Ang=17deg
Cy(MHz)/Flux(sfu): Wavelength=1375A Code=00 Exp #=37412 Rast=120"x120" Step=20" Cad=18.4s Rast=120"x120" Step=20" Cad=18.4s Cy(MHz)/Flux(sfu): Wavelength=1375A Code=00 Exp #=37412 Rast=300"x30" Step=0" Pitch=-135" Cy(MHz)/Flux(sfu): Wavelength=1375A Code=00 Exp #=37412 Rast=300"x300" Step=0" Pitch=-135" Cy=2s Rast=300"x300" Step=10" Cad= 922s Rast=300"x300" Step=10" Cad= 922s Rast=300"x300" Step=10" Cad= 922s Rast=300"x300" Step=10" Cad= 922s Rast=300"x300" Step=10" Cad= 922s Rast=330"x30" Step=10" Cy=2s Rast=30"x30" Step=0" Pitch=-135" Rast=30"x30" Step=0" Pitch=-135" Rast=30"x30" Step=0" Pitch=-135" Rast=30"x30" Step=0" Pitch=-135" Rast=30"x30" Step=0" Pitch=-135"	04:14:33 04:16	04:15	04:19:26 04:17		Qual=01 Qual= 2		MaxkeV=116 FePeak.c/s=10		dt= 0.5s	XEN=606500
04:24 04:32 CaPeak.c/s=143 Qual= 1 FePeak=04:24 FePeak.c/s=31 #Peaks=1 dt=7.7s 04:24 04:31 04:31	0	04:10 3(MHz)/F		Feak3c/s=20 Wavelength=1375A 4995/55 8800/74	Code=00	7412	Rast=120"x120" Rast=30"x30"		Cad=18.4s Pitch=-135"	0.512s/pixel ,Yaw=+158"
DOY=65 Peak End times HaClass=SN NO6E11 AR4717 Mac.=DSI Carr.Lon.=37deg 04:31:30 04:31:39 Peakc/s=329 Qual=01 Tot Cts=1580 MaxkeV=89 Flags=M Wavelength=1375A Exp #=37412 Rast=30"x30" Step=0" Pitch=-135"		:24 :31	04:32	c/s=143	ssociated Qual= 1	Event # = 21254 FePeak=04:24	FePeak.c/s=31 Rast=300"x300"	•	. 7s 322s	XEN=606501 1.024s/pixel
HaClass=SN NO6E11 AR4717 Mac.=DSI Carr.Lon.=37deg 04:31:30 04:31:39 Peakc/s=329 Qual=01 Tot Cts=1580 MaxkeV=89 Flags=M Wavelength=1375A Exp #=37412 Rast=30"x30" Step=0" Pitch=-135"	i	D0Y=65 Peak	time	٩	N00E16		Pitch=-118", Yaw	=+261", Roll	=0deg	H.Ang=17deg
04:31:23 04:31:30 04:31:39 Peakc/s=329 Qual=01 Tot Cts=1580 MaxkeV=89 Flags=M 04:13 Wavelength=13/5A Exp #=37412 Rast=30"x30" Step=0"				Class=SN	NO6E11	AR4717	Mac.=DSI	Carr.Lon.=	37deg	H.Ang≂17deg
	04:31:23 04:13	04:31:30	04:31:39	c/s=329 length=1375A	Qual=01	Tot Cts=1580 Exp #=37412	MaxkeV=89 Rast=30"x30"	Flags=M Step=0"	Pitch=-135"	, Yaw=+158"

E13 Pitch=-120", Yaw=+218", Roll=0deg H.Ang=15deg	Ell AR4717 Mac.=DSI Carr.Lon.=35deg H.Ang=14deg	Qual=01 Qual=01 Tot Cts=3005 MaxkeV=63 Code=00 Exp #=37436 Rast=30"x30" Step=0" Pitch=-86",Yaw=+185"	NOOE12 Pitch=-120", Yaw=+203", Roll=Odeg H.Ang=14deg	Qual=01 Tot Cts=4066 MaxkeV=63 Qual=01 Tot Cts=4066 MaxkeV=63 Code=00 Exp #=37440 Rast=30"x30" Step=0" Pitch=-147", Yaw=+186"	NOOE09 H.Ang=11deg H.Ang=11deg	NO2E01 AR4717 Mac.=DSI Carr.Lon.=40deg H.Ang=9deg	Qual=02 Qual= 3 FePeak=16:37 FePeak.c/s=9 #Peaks=2 dt= 7.7s XEN=606503 Rast=0"x0" Step=0" Cad= 922s 921.6s/pixel Exp #=37471 Rast=30"x30" Step=0" Pitch=-208",Yaw=+105"	NOOE05 Pitch=-122", Yaw=+87", Roll=Odeg H.Ang=9deg	Qual=00 Qual= 5 FePeak=17:49 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=606504 Rast=0"x0" Step=0" Cad= 922s 921.6s/pixe1 Exp #=37472 Rast=280"x280" Step=10" Pitch=-114",Yaw=+105"	86/03/07 D0Y=66	NOOE02 H.Ang=7deg H.Ang=7deg	NOOWO3 AR4717 Mac.=DKI Carr.Lon.=40deg H.Ang=8deg	Qual=01 Qual=01 Qual=2 FePeak=00:05 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=606600 Qual= 2 FePeak=00:05 FePeak.c/s=9 Step=0" Cad=1.02s 1.024s/pixe1 Code=00 Exp #=37482 Rast=30"x30" Step=0" Pitch=-119",Yaw=-50"	N00E01 Pitch=-126", Yaw=+17", Roll=0deg H.Ang=8deg	NOONOS AR4717 Mac.=DKI Carr.Lon.=41deg H.Ang=9deg	Qua!=01 Qua]=01 Tot Cts=9097 MaxkeV=89 Code=00 Exp #=37490 Rast=30"x30" Step=0" Pitch=-159",Yaw=+93" Sociated Event # = 8213
SMM Pointing: NOOE13	Class=SB	5A	SMM Pointing: NOO	Importance=B6 Qua Peakc/s=112 Qua Wavelength=1375A Cod	SMM Pointing: NO0	HaClass=1F NO2	75A	SMM Pointing: NOO	Qua CaPeak.c/s=34 Qua Peak3c/s=108 Wavelength=1375A	86	SMM Pointing: NOC		Importance=C2 Que Peakc/s=90 Que CaPeak.c/s=27 Que Peak3c/s=1060 Wavelength=1375A Coc	SMM Pointing: NOC		Importance=C4 (ua =U1 Peakc/s=214 (ua =U1 Wavelength=1375A Code=O0 Associated
	End times	09:16 09:04:02	200	10:37 09:57:39			17:36 16:38	1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15.				00:20 00:00:43 00:08		∎es	03:00
D0Y=65	Peak	09:04 09:03:11	D0Y=65	Peak 09:59 09:56:15	D0Y=65		17:03 16:37 16:37	D0Y=65	17:44 17:56		99=V00		00:06:00:00:00:00:00:07	99=Y00		02:05
Event # = 8209 86/03/06 09:04		GDES 09:01 HXRBS 09:02:53 UVSP 08:56	Event # = 8210 86/03/06,09:59	Start GOES 09:54 (HXRBS 09:55:17 (UVSP 09:54	Event # = 21255 86/03/06,17:03	Start Optical	GOES 16:28 BCS 16:34 FCS 16:31 UVSP 16:31	Event # = 21256 86/03/06,17:44	Start GOES 17:44 FCS 17:44 UVSP 17:44		Event # = 8211 86/03/07,00:06	Start Optical	GOES 00:03 HXRBS 00:00:22 BCS 00:05 FCS UVSP 00:03	Event # = 8212 86/03/07,02:05	Start Optical	GOES 01:56 HXRBS 02:01:38 UVSP 01:56

Material states

Event 86/03/	Event # = 8217 86/03/07,12:40	D0Y=66		SMM Pointing:	NO0W05		Pitch=-122", Yaw=-91",	/=-91", Roll=0deg	=0deg	H.Ang=9deg
GOES HXRBS UVSP	start 12:39:46 12:37		12:43:48	Peakc/s=208 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=13709 Exp #=37544	MaxkeV=531 Rast=30"x30"	Step=0"	Pitch=-169")", Үаw≃-8"
Event 86/03/	Event # = 21257 86/03/07,12:55	7 007=66		SMM Pointing:	NOOM05		Pitch=-122", Yaw	, Yaw=-91", Roll=0deg	=0deg	H.Ang=9deg
Optica	3tart 11 12.50		u times		S03W12	AR4717	Mac.=DKI	Carr.Lon.=	=42deg	H.Ang=13deg
BCS UVSP	12:54 12:37	12:55 12:55 12:54	12:57	importance=bo CaPeak.c/s=18 Peak3c/s=17 Wavelength=1375A	Qual= 1 Qual= 1 Code=00	FePeak=12:54 Exp #=37544	FePeak.c/s=8 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-169",	XEN=606601 1.024s/pixel 1", Yaw=-8"
					86/03/20) D0Y=79				
Event 86/03/ GOES BCS FCS UVSP	# = 21258 /20,18:48 Start 18:47 19:00	3 D0Y=79 Peak 18:48 18:47	End times 18:56	CaPeak.c/s=713 Peak3c/s=7873 Wavelength=2788A	Qual=00 Qual= 1	FePeak=18:48 Exp #=38003	FePeak.c/s=800 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=+6",	XEN=607900 1.024s/pixel ,Yaw=+24"
					86/03/26	D0Y=85				
Event 86/03/	# = 8218 26,03:34	DOY=85		SMM Pointing:	S07₩00		Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0de	Ş:	H.Ang=Odeg
HXRBS UVSP	03:34:02 03:55	03:34:19	03:34:45	Peakc/s=212 Wavelength=2788A	Qua1=01	Tot Cts=1840 Exp #=38157	MaxkeV=429 Rast=180"x1"	Flags=NS,GB Step=O" Pitch=+6"	ж Ріtch=+6",	, Yaw=+24"
					86/04/09	66=Y00				
Event 86/04/ HXRBS UVSP	.# = 8219 1/09,05:49 Start 05:39	D0Y=99 Peak 05:49:39	End times 05:50:04	Peakc/s=278 Wavelength=1375A	Qua}=01	Tot Cts=1497 Exp #=38608	MaxkeV=536 Rast=30"x30"	Flags=NS Step=0"	Pitch=+157'	Pitch=+157",Yaw=+887"
	The state of the s				86/04/22	D0Y=112				
86/04/	# = 7599 /22,11:26 Start	DOY=112 Peak	Fnd times	SMM Pointing:	S03W22		Pitch=-29", Yaw=-355"	-355", Roll=Odeg	:0deg	H.Ang=22deg
GOES HXRBS UVSP	11:25:55 11:22	11:26:24		Peakc/s=81 Wavelength=2788A	Qua]=00 Qua]=03	Exp #=39037	MaxkeV≈64 Rast=180"x1"	Flags=I,EN Step=0" F	،itch=-22"	, Yaw=-339"
	2000				86/04/23	D0Y=113				
sent 36/04/	# = 8221 23,11:40 Start	DOY=113	Fnd +imes	SMM Pointing:	S03W36		Pitch=-17", Yaw=-559"	-559", Roll=Odeg	0deg	H.Ang=36deg
SOES TXRBS JVSP	GOES 11:38 HXRBS 11:39:50 UVSP 11:32	11:40:05		Importance=Bl Peakc/s=64 Wavelength=2788A	Qual=01 Qual=01 Code=00	Exp #=39067	MaxkeV=64 Rast=180"x1"	Step=0"	Pitch=-11",Yaw=-366"	, Yaw=-366"

Event # = 8222 86/04/23,14:04	= 8222 ,14:04	D0Y=113		SMM Pointing:	S03W37		Pitch=-18", Yaw≖.	, Yaw≖-571", Roll=Odeg	5	H.Ang≖37deg
´´;=	tart		mes	HaClass=SB	NO2E12	AR4726	Mac.=DAO	Carr.Lon.=118deg	qeg	H.Ang=14deg
GOES 14 HXRBS 14 UVSP 14	14:00 14:03:01 14:05	14:04 14:03:21	14:12 14:03:48	Importance=B/ Peakc/s=67 Wavelength=2788A	Qual=03 Qual=01 Code=02	Exp #=39070	MaxkeV=64 Rast=180"x1"	Step=0" Pit	ch=-10",	Pitch=-10",Yaw≖-385"
Event # = 21259 86/04/23,23:06	= 21259 ,23:06	D0Y=113		SMM Pointing:	N03E09		Pitch=-130", Yaw	,Yaw=+153",Roll=Odeg	be d	H.Ang=12deg
S. Optical	tart	reak 0	nd times î îî	HaClass=SF	N03E11	AR4726	Mac.=DAO	Carr.Lon.≖114deg	deg	H.Ang=14deg
	22:59 23:04	888 866	23:20 23:15	Importance=Cl CaPeak.c/s=31	Qual=01 Qual= 1	FePeak=23:06	FePeak.c/s=10		dt= 7.7s	XEN=611300
UVSP 22 Radio	22:33 Frequen	:33 requency(MHz)/Flux(sfu)	••	redk3c/s-10/ Wavelength=2788A 245/15		Exp #=39079	Rast=180"x1"	Step=0" Pit		, Yaw=+178"
					86/04/24	4 D0Y=114				
Event # = 7600 86/04/24,00:44	= 7600 ,00:44		:	SMM Pointing:	N03E08		Pitch=-130", Yaw	, Yaw=+139", Roll=Odeg	leg	H.Ang=11deg
S Optical	tart		⊞es	HaClass=SB	N03E07	AR4726	Mac.=DKI	Carr.Lon.=117deg	deg	H.Ang=lldeg
GOES HXRBS O	00:34 00:39:04 00:39	00:44 00:42:20 00:44	00:55 00:46:31 01:08	Importance=ml Peakc/s=302 CaPeak.c/s=782	Qual=01 Qual=01 Qual= 1	Tot Cts=44031 FePeak=00:44	MaxkeV=90 FePeak.c/s=227		. 3.8s	XEN=611400
0	00:16 Frequen	00:43 0:16 Frequency(MHz)/Flux(sfu)		Peak3c/s=bb9 Wavelength=2788A 2695/12 4995/24	Code=00	Exp #=39080	kast=U"XU" Rast=243"X243"	Step=U cad Step=3" Pit	cau=23.35 2 Pitch=-124",	., Yaw=+158"
Event # = 21260 86/04/24,01:50	= 21260 ,01:50) DOY=114		SMM Pointing:	N03E07		Pitch=-130", Yaw=+124", Roll=Odeg	=+124", Roll=0d	leg	H.Ang=11deg
[a]	Start	Peak	End times		N03E08	AR4726	Mac.=DKI	Carr.Lon.=115deg	geg	H.Ang=11deg
GOES BCS FCS UVSP	01:45 01:49 01:58	01:50 01:51 01:55	01:59 01:59	Importance=c2 CaPeak.c/s=32 Peak3c/s=37 Wavelength=2788A	Qual=01 Qual= 1 Code=02	FePeak=01:51 Exp #=39081	FePeak.c/s=10 Rast=0"x0" Rast=243"x243"	#Peaks=1 dt= Step=0" Cad Step=3" Pit	dt= 7.7s Cad=1.02s Pitch=-124"	XEN=611401 1.024s/pixel ", Yaw=+143"
Event # = 8223 86/04/24,03:51	= 8223 ,03:51			SMM Pointing:			Pitch=+236", Yaw	, Yaw=+983", Roll=Odeg	leg	
Optical	tart	Peak	End times	HaClass=SB	N04E06	AR4726	Mac.=DKI	Carr.Lon.=116deg	geg	H.Ang≕lldeg
HXRBS* 0	3:45:00 3:45:00 3:46 Frequer	03:31 03:46:39 1cy (MHz) / F	03:45:00 03:46:39 03:54:15 03:45:00 03:46:39 03:54:15 13:46 Frequency(MHz)/Flux(sfu):	Peakc/s=834 (Mavelength=13/5A (1415/11 2695/38 4)	Qual=01 Qual=01 5A Code=00 3 4995/42	Tot Cts=62940 Exp #=39087	MaxkeV=90 Rast=265"x265"	Step=5" Pit	:ch=+246"	Pitch=+246",Yaw=+1003"

,	i Su	<u>.</u> [9.						e]			,	 •						
H.Ang=10deg	H.Ang=10deg	XEN=611402 1.024s/pixel	", Yaw=+106"	H.Ang=9deg	, Yaw=+106"	H.Ang=8deg	XEN=611403	1.024s/pixel ',Yaw=+77"	H.Ang=8deg	H.Ang=7deg	XEN=611404	921.6s/plxel ",Yaw=+33"		H.Ang=12deg	,Yaw=-223"		H.Ang=20deg	, Үаw=-331"
=0deq	=117deg	dt= 3.8s X Cad= 262s 1	Pitch=-124'	=0deg	Pitch=-124",Yaw=+106"	=0deg	7.7s	Cad=1.02s 1 Pitch=-125",	-0deg	=117deg	dt= 3.8s				Pitch=-128",Yaw=-223"			Pitch=-104", Yaw=-331"
, Yaw=+96", Roll=0deq	Carr.Lon.=117deg		Step=0"	W=+81", Roll	.Step=0"	', Yaw=+52", Roll=0deg	#Peaks=1	Step=0" Step=0"	#=+19", Roll=	Carr.Lon.=117deg	#Peaks=1			195", Roll=	Flags=I Step=0"		, Yaw=-321", Roll=Odeg	Flags=I Step=0"
Pitch=-130", Ya	Mac.=DKI	MaxkeV=64 FePeak.c/s=22 Rast=240"x240"	Rast=180"x1"	Pitch=-131", Yaw=+81", Roll=0deg	MaxkeV=64 Rast=180"x1"	Pitch=-131", Ya	FePeak.c/s=13	Rast=0"x0" Rast=180"x1"	Pitch=-131", Yaw=+19", Roll=0deg	Mac.=DKI	FePeak.c/s=26	Rast=180"x1"		Pitch=-61", Yaw=-195", Roll=Odeg	MaxkeV=90 Rast=30"x30"		Pitch=-57",Yaw≕	MaxkeV=64 Rast=30"x30"
	AR4726	FePeak=06:30	exp #=39092		Exp #=39092		FePeak=09:48	Exp #=39096		AR4726	FePeak=14:22	Exp #=39102	D0Y=115		Exp #=39166	00Y=116		Exp #=39208
N03E06	N04E04	Qual=01 Qual= 1		N03E05	Qual=00 Qual=01	N03E03	Qual=01 Qual= 1	Code=01	N03E01	NO2W01	Qual= 1	Code=00	86/04/25	S01W12	Qua]=00 Qua]=01	86/04/26	S01W20	Qual=01 Qual=01 Code=00
SMM Pointing:	HaClass=1B	Peakc/s=69 0 CaPeak.c/s=331 0 Peak3c/s=136	Maverellytiez/ooA I/1	SMM Pointing:	Peakc/s=55 Wavelength=2788A	SMM Pointing:	Impo CaPe	reak3c/s≖1/ Wavelength=2788A	SMM Pointing:	HaClass=1N Importance=C5	CaPeak.c/s=159	Wavelength=2788A 4995/59 8800/66		SMM Pointing:	Peakc/s=68 Wavelength=1375A		SMM Pointing:	Importance=B1 Peakc/s=67 Wavelength=1375A 410/300
+	o7:07	07:06:59 07:03	ity:	Fnd +imes	96:3		10:07 09:56		Fnd + impe	:28				Fnd times	12:27:14			GOES 02:52 02:55 02:59 HXRBS 02:54:34 02:54:43 02:54:57 UVSP 02:50 Radio Frequency(MHz)/Flux(sfu):
DOY=114	06:13	07:06:47 06:30 06:38	Type/Intens	DOY=114		DOY=114	09:49 09:49	04:60	DOY=114 Peak	14:18	14:22 14:25	14:17 Frequency(MHz)/Flux(sfu)		DOY=115 Peak	12:26:10		DOY=116 Peak	02:55 02:54:43 y(MHz)/F1
Event # = 8225 86/04/24,06:13	31 31 06:03	07:06:28 06:29	Sweeps	Event # = 8224 86/04/24,06:31 Start	06:31:31 06:24	# = 21261 '24,09:49	60ES 09:43 BCS 09:47 FCs	09:34	Event # = 21262 86/04/24,14:18 Start	13:59	14:21	14:17 Frequenc	# = 657A	/25,12:26 Start	12:24:16 12:23	1 = 8226	26,02:55 Start	02:52 02:54:34 02:50 Frequenc
Event 86/04,	Optica GOES	HXRBS BCS FCS IVSP	Radio	Event 86/04/	GOES HXRBS UVSP	Event 86/04/	GOES BCS FCS	UVSP	Event 86/04/	Optica GOES	న్లో స్టా	UVSP Radio	tuo	86/04/2	GOES HXRBS UVSP	Event 4	86/04/2	GOES HXRBS UVSP Radio

Event # = 5859	= 5859			1			Di+ch=+0" Yaw=+0	Yaw=+984" Rol1=0deg	dea		1
86/04/26	, 16:41 tart	DOY=116 Peak	End times			;			7	20POC-22P	
Optical optical		3			NO2W28	AR4726	Mac.=DKI	Carr.Lon.=11/deg		H.Ang=∠9deg	
GOES 10 HXRBS 10 UVSP 10 Radio	16:31 16:37:34 16:39 Frequenc	6:31 16:41 17:37 6:37:34 16:38:28 16:40:4 6:39 Frequency(MHz)/Flux(sfu)	o ··	Importance=Cb Peakc/s=305 Wavelength=1375A 4995/50 8800/49	Qual=04 Qual=01 Code=00	Tot Cts=18600 Exp #=39253	MaxkeV=64 Rast=265"x265"	Flags=I Step=5" F	Pitch=+6",Yaw≃+1004	'aw=+1004"	}
					86/04/27	7 DOY=117					1
Event # 86/04/27	= 6016 ,21:19	D0Y=117	+	SMM Pointing:	S07E85		Pitch=+108",Yaw	, Yaw=+944", Roll=0deg	=0deg	H.Ang=84deg	
GOES 2 HXRBS 2 UVSP 2 Radio SW	Start 21:00 2 SS 21:20:01 2 21:09 io Sweeps	9-1-1	ak End Cimes :19 21:40 :20:30 21:20:53 Type/Intensity:	Importance=B3 Peakc/s=67 Wavelength=1375A III/1	Qual=01 Qual=01 Code=00	Exp #=39344	MaxkeV=64 Rast=265"x265"	Flags=I Step=5"	Pitch=+114",Yaw=+964"	', Үаw=+964"	
					86/05/03	3 D0Y=123					
Event # 86/05/03	= 21263 3, 10:17		1	SMM Pointing:	N06W84		Pitch=-99",Yaw=	,Yaw=-944",Roll=Odeg	#Odeg	H.Ang≖85deg	
Start GOES 09:54 BCS 09:44 FCS 10:33	Start 39:54 39:44 10:33	Peak 10:17 09:56 09:54	End times 10:54 09:58	Importance=C2 CaPeak.c/s=55 Peak3c/s=54 Wavelength=1375A	Qual=02 Qual= 1	FePeak=09:44 Exp #=39684	FePeak.c/s=13 Rast=240"x240" Rast=280"x280"	#Peaks=1 Step=10" Step=10"	dt= 3.8s Cad= 590s Pitch=-91",	XEN=612300 1.024s/pixel ,Yaw=-929"	
					86/05/04	4 D0Y=124					1
Event # 86/05/04	Event # = 8358 86/05/04,10:07	D0Y=124	-	SMM Pointing:		AR4727					
, Optical	Start		End times	Code=LPS	06M90N	AR4727		Carr.Lon.=77deg	=77deg	H.Ang=90deg	
GÓES HXRBS UVSP	09:39 10:04:54 10:01	10:07 10:08:53	10:57 10:14:53	Importance=M1 Peakc/s=55 Wavelength=2788A	Qual=04 Qual=04 Code=00	Tot Cts=6068 Exp #=39750	MaxkeV=91 Rast=180"x1"	Flags=I,SN, Step=0" p	ES 'itch=-93"	, Үам=-784"	
Event # 86/05/0	= 8611 4,16:32	D0Y=124	Fnd times								
GOES 16:31 HXRBS 16:31 UVSP 16:18 Radio Sweeps	16:31 16:30:57 16:18 Weeps	99	16:4 16:3 ntens	Importance=B1 Peakc/s=67 Wavelength=2788A V/1	Qual=01 Qual=01 Code=01	Tot Cts=1550 Exp #=39758	MaxkeV=91 Rast=180"x1"	Flags=I Step=0"	Pitch=-93",	, Yaw=-784"	
					86/05/1/	.7 DOY=137					
Event # 86/05/1	7.02:41			SMM Pointing:			Pitch=-101", Ya	, Yaw=+977", Roll=Odeg	1=0deg		
UVSP 02:28	Start 02:41:31 02:28		End times 4 02:41:53	Peakc/s=67 Wavelength=2788A	Qual=01	Tot Cts=356 Exp #=40094	MaxkeV=541 Rast=180"x1"	Flags=NS,GB Step=0"Pi	GB Pitch=-101	B Pitch=-101", Yaw=+913"	

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			86/05/21	D0Y=141				
vent # = 823			100 000					
86/05/21,01:45 D0Y=141	End times	SMM Pointing:	N06E64		Pitch=-114", Yaw=+851", Roll=Odeg	/=+851",Roll=(Odeg	H.Ang=65deg
3tal t reak 3a] 01.42 01.46	CIII CIIIICS	Class=SF	N06E49	AR4731	Mac.=050	Carr.Lon.=77deg	7deg	H.Ang=50deg
MXRBS 01:44:30 01:44:59 01:45:21 HVSP 01:20 Type/Intensity Radio Frequency(MHz)/Flux(sfu)	01:45:20 ntensity: ux(sfu):	Importance 25 Peak c/s = 80 Wave length = 2788A V/2 245/13	Qual=01	Exp #=40199	MaxkeV=64 Rast=180"x1"	Step=0" Pi	Pitch=-116"	", Үаw=+790"
			86/05/24	D0Y=144	a proposition de la lata de constante de la lata de la lata de la lata de la lata de la lata de la constante d	eren derende medicalen dirigi vertrideren de medicalen de medicalen de medicalen de medicalen de medicalen de m		
t # = 8613 5/24,04:05 DOY=144 Start Peak	End times	SMM Pointing:			Pitch=-471",Yaw	,Yaw=+857",Roll=Odeg	odeg	
04:05:48	04:06:10	Peakc/s=72 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=360 Exp #=40290	MaxkeV=542 Rast=265"x265"	Flags=I,AX Step=5" Pi	itch=-482'	Pitch=-482",Yaw=+880"
			86/05/25	D0Y=145				
Event # = 8232 86/05/25,21:59 DOY=145		SMM Pointing:	NO6₩11		Pitch=-123",Yaw	,Yaw=-173",Roll=Odeg	Odeg	H.Ang=13deg
Start reak			N06W11	AR4731	Mac.=CRI	Carr.Lon.=73deg	3deg	H.Ang=13deg
GUES 21:31 21:39 2 HXRBS 21:57:49 21:58:33 2 UVSP 21:39	21:59:16 21:59:16	<pre>Importance=t1 Peakc/s=141 Wavelength=2788A</pre>	Qual=01 Qual=01 Code=01	Tot Cts=4432 Exp #=40339	MaxkeV=64 Rast=180"x1"	Step=0" Pi	Pitch=-124"	", Yaw=-146"
			86/05/26	D0Y=146				
Event # = 8621 86/05/26,07:51 DOY=146		SMM Pointing:	N06W16		Pitch=-122",Yaw=-257"	/=-257", Roll=0deg	Jdeg	H.Ang=17deg
	٠ :	HaClass=SF	N08W18	AR4731	Mac.=DAI	Carr.Lon.=75deg	gdeg	H.Ang≈20deg
GUES 07:42 07:51 UNSP 08:04	07:46:16	Importance=84 Peakc/s=66 Wavelength=2788A	Qual=03	Tot Cts=212 Exp #=40349	MaxkeV=64 Rast=180"x1"	Flags=I Step=O" Pi	Pitch=-124"	', Yaw=-239"
Event # = 21264 86/05/26,18:30 DOY=146		SMM Pointing:	N06W22		Pitch=-121", Yaw=-352"	/=-352", Roll=0deg	Jdeg	H.Ang=23deg
31 Fear 3a] 18.16 18.20		HaClass=SF	N08W26	AR4731	Mac.=DAI	Carr.Lon.=77deg	/deg	H.Ang=28deg
UVSP 18:04	18:37	importance-ci CaPeak.c/s=41 Peak3c/s=26 Wavelength=2788A	Qual= 1	FePeak=18:29 Exp #=40363	FePeak.c/s=12 Rast=300"x300" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 922s Pitch=-121'	XEN=614600 1.024s/pixel ", Yaw=-325"
,			86/06/03	D0Y=154			Market Company	
Event # = 8239 86/06/03,14:59	Fnd times	SMM Pointing:	N06E26		Pitch=-104",Yaw=+409",Roll=Odeg	/=+409",Roll=0	Jdeg	H.Ang=26deg
14:59:39	01:32	Peakc/s=91 Wavelength=1375A	Qual=00 Qual=01	Exp #=40496	MaxkeV=146 Rast=265"x265"	Step=5" Pi	itch=-99",	Pitch=-99",Yaw=+431"

					86/06/05	5 DOY=156				
Event # = 8240 86/06/05,01:22 Start	= 8240 ,01:22 tart	DOY=156	- Prd + - Prd	SMM Pointing:	N06E07		Pitch=-102", Yaw=+108", Roll=0deg	/=+108", Rol	1=0deg	H.Ang=9deg
GOES HXRBS 0 UVSP 0	01:21:58 01:14		01:	Peakc/s=68 Wavelength=2788A	Qual=00 Qual=01	Exp #=40534	MaxkeV=91 Rast=180"x1"	Step=0"	Pitch=-98",Yaw=+134"	,Yaw=+134"
					86/06/14	4 D0Y=165				
Event # = 8245 86/06/14,23:03 Start	= 8245 ,23:03 tart	DOY=165 Peak	Fnd times	SMM Pointing:	N03E32		Pitch=-36", Yaw=+499", Roll=Odeg	-+499", Roll	=0deg	H.Ang=32deg
GOES HXRBS 2 UVSP 22	23:02:57 22:30		23:04:06	Peakc/s=84 Wavelength=2788A	Qual=00 Qual=01	Exp #=40798	MaxkeV=545 Rast=180"x1"	Flags=AX Step=0"	Pitch=-31",Yaw=+527"	, Yaw=+527"
=	100				86/06/15	5 DOY=166				
Event # = /864 86/06/15,20:38 Start	= /864 ,20:38 tart	DOY=166	Fnd + imes	SMM Pointing:	N04E18		Pitch=+286", Yaw=+49", Roll=90deg	/=+49", Roll	=90deg	H.Ang=18deg
GOES HXRBS 21 UVSP 22	20:37:45 20:38		20:	Peakc/s=93 Wavelength=1375A	Qual=00 Qual=01	Exp #=40827	MaxkeV=119 Rast=265"x265"	Flags=I Step=5"	Pitch=+290",Yaw=+72"	", Yaw=+72"
					86/06/18	8 D0Y=169				
Event # = 8246 86/06/18,02:57 Start	= 8246 8,02:57 Start	DOY=169 Peak	Fnd + impo	SMM Pointing:	N04W12		Pitch=-45", Yaw=-198", Roll=Odeg	198", Roll	=0deg	H.Ang=12deg
GOES HXRBS ON UVSP ON	2:56:56 3:01	02:56:56 02:57:37 03:01	02:5	Peakc/s=115 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=2255 Exp #=40900	MaxkeV=175 Rast=180"x1"	Step=0"	Pitch=-40",Yaw=-180"	, Yaw=-180"
					86/06/21	1 D0Y=172				
Event # = 8247 86/06/21,06:32 Start	= 8247 ,06:32 tart	DOY=172 Peak	End times	SMM Pointing:	N15E03		Pitch=-210", Yaw=+44", Roll=0deg	/=+44", Roll	=0deg	H.Ang=13deg
GOES HXRBS OI UVSP OI	06:32:50 (06:29		06:34:33	Peakc/s=61 Wavelength=2788A	Qual=06 Qual=01	Exp #=41001	MaxkeV=147 Rast=180"x1"	Step=0"	Pitch=-204",Yaw=+68"	", Yaw=+68"
					86/07/10	0 D0Y=191				
Event # = 21265 86/07/10,20:28 Ctart	= 21265 ,20:28 tart	DOY=191	End times	SMM Pointing:	N07W47		Pitch=-72",Yaw≖-685",Roll=Odeg	685", Roll	=0deg	H. Ang=47deg
optical 2	טיט נ	20.28		HaClass=SF	NO7W50	AR4736	Mac.=CSO	Carr.Lon.=224deg	=224deg	H.Ang=50deg
BCS 22 LVSP 22	20:27	20:28 20:28 20:28	20:29	Capeak.c/s=25 Capeak3c/s=25 Wavelength=2788A C	Qual= 1 Code=00	FePeak=20:28 Exp #=41531	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad= 922s Pitch=-67",	XEN=619100 921.6s/pixel ,Yaw=-662"

					86/07/11	D0Y=192				
Event 86/07/	t # = 21266 7/11.05:06	D0Y=192		SMM Pointing:	NO7W52		Pitch=-76", Yaw=	, Yaw=-740", Roll=Odeq	=0deg	H.Ang=52deg
Ontical	Start	Peak	End times	Ha. Class=SN	NOSUSS	AR4736	Mac. =CSO	Carr. Lon.=225deg	=225dea	H.Ana=55dea
GOES BCS BCS	04:55 05:04	05:06 05:04	05:19 05:43	Importance=C3 CaPeak.c/s=158	Qual=04 Qual= 5	FePeak=05:04	FePeak.c/s=17	#Peaks=1	dt= 3.8s	XEN=619200
	04:21	05:18		Peak3c/s=1310 Wayelength=2788A	Code=00	Exp #=41541	Rast=0"x0" Rast=243"x243"	Step=0" Step=3"	Cad= 860s Pitch=+84",	860.4s/pixel ,Yaw=+198"
	Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/I cy(MHz)/F		11/1 245/99 410/40 606/	/660 1415	99 410/40 606/660 1415/230 2695/230	4995/160 8800/130	15400/64		
					86/07/13	3 D0Y=194				
Event 86/07/	# = 8251 13,01:01	D0Y=194		SMM Pointing:		AR4736				
GOES HXRBS BCS	Start 00:58 5 00:58:36 01:01	Peak 01:01 01:01:03 01:01	End times 01:12 01:01:39 01:04	Importance=B6 Peakc/s=85 CaPeak.c/s=25	Qual=01 Qual=01 Oual= 1	FePeak=01:01	MaxkeV=65 FePeak.c/s=10	_	dt= 7.7s	XEN=619400
FCS UVSP Radio	00:54 Frequen	01:01 00:54 Frequency(MHz)/Flux(sfu)		Peak3c/s=13 Wavelength=2788A Code=00 410/21 606/55 1415/49	Code=00 5/49	Exp #=41589	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=3840s Pitch=-93",	3840s/pixel ,Yaw=-744"
Event 86/07/	# = 21267 13.02:11	D0Y=194								
GOES BCS	Start 01:21 02:32	Peak 02:11 02:33	End times 03:08 02:37		Qual=05 Qual= 3	FePeak=02:33	FePeak.c/s=9		dt= 3.8s	XEN=619401
UVSP UVSP	02:28			Peak3c/s=17 Wavelength=2788A	6/540 141	3c/s=17 ength=2788A	Rast=0"x0" Rast=180"x1" A006/17 9900/15	Step=0" Step=0"	Cad=3840s Pitch=-93",	3840s/pixel ',Yaw=-744"
אמתוס	בו מלחמיו	Ly (rimz)/ r		OCT /OT + TC /C+3	.40 040 14.	02/0602 00/01	CT /0000 /T /CEEL			
	100				86/07/21	D0Y=202				
Event 86/07/	t # = 8252 7/21,13:26 5+3m+	D0Y=202	20#:+ Pa]	SMM Pointing:	N07W03		Pitch=-35",Yaw=	, Yaw=-48", Roll=Odeg	0deg	H.Ang=4deg
GOES HXRBS UVSP	3:25:44 13:25:44 13:13		13:2	Peakc/s=71 Wavelength=2788A	Qua]=00 Qua]=01	Exp #=41827	MaxkeV=65 Rast=180"x1"	Step=0"	Pitch=-29",	, Yaw=-20"
					86/01/26	5 D0Y=207				
Event 86/07/	# = 8253 /26,12:48 Start	DOY=207	Fnd times	SMM Pointing:			Pitch=-115",Yaw	, Yaw=+968", Rol	, Roll=Odeg	
GOES HXRBS UVSP	12:48:06 12:37		12:4	Peakc/s=71 Wavelength=2788A	Qua1=00 Qua1=01	Exp #=41927	MaxkeV=65 Rast=180"x1"	Flags=AX Step=0"	Pitch=-110'	Pitch=-110",Yaw=+908"
			-		86/08/03	3 D0Y=215				
Event 86/08/	# = 8292 03,01:48		, + Pal	SMM Pointing:	N10W06		Pitch=-67", Yaw=	, Yaw=-91", Roll=Odeg	0deg	H.Ang=7deg
HXRBS UVSP	HXRBS 01:48:19 UVSP 01:26	01:48:31	01:48:34	Peakc/s=108 Wavelength=2788A	Qual=01	Tot Cts=237 Exp #=42213	MaxkeV=370 Rast=243"x243"	Flags=1,N: Step=3"	Flags=I,NS,GB Step=3" Pitch=-63",	, Yaw=-70"

					86/09/16	6 DOY=259				
Event # 86/09/16,	t # = 21268 9/16,09:30	D0Y=259		SMM Pointing:	N04W87		Pitch=_66" Yaw=_052" Doll=Odem	-052" poll=	nopo.	U Anna Octob
25	tart	Peak	End times				r ι τς!! - α0 , ια¥.	-110X' 7C6	=oaeg	H.Ang=86deg
GOES BCS 09	9:16 9:27	09:30 09:28 09:27	09:54 09:43	Importance=89 CaPeak.c/s=45	Qual=04 Qual= 1	FePeak=09:27	FePeak.c/s=16	#Peaks=1		XEN=625900
JVSP 09	3:22	73.57		Wavelength=2788A	Code=00	Exp #=43580	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=+59",	1.024s/pixel, Yaw=-757"
Event # = 8257 86/09/16,23:44 Start	23:44	DOY=259	Frd +imos	SMM Pointing:			Pitch=-66", Yaw=	, Yaw=-982", Roll=0deg	.0deg	
GOES HXRBS 23 UVSP 23	3:43:59 3:31	23:44:04	53:4 1 23:4	Peakc/s=219 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=2105 Exp #=43598	MaxkeV=557 Rast=180"x1"	Step=0"	Pitch=+59", Yaw=-787"	,Yaw=-787"
					86/00/58	8 DOY=271				
Event # = 86/09/28, St	t # = 8258 3/28,12:56 Start	DOY=271 Peak	End times	SMM Pointing:	N10E13		Pitch=-50", Yaw=+206", Roll=Odeg	+206", Roll=	0deg	H.Ang=13deg
GOES HXRBS 12 UVSP 13	2:55:36 3:07		12:5	Peakc/s=83 Wavelength=2788A	Qual=00 Qual=01	Exp #=44023	MaxkeV=150 Rast=180"x1"	Step=0"	Pitch=-52",Yaw=+223"	,Yaw=+223"
7 +400	0250				06/60/98) D0Y=273				
86/09/30,3 St	, # = 0239 9/30,22:29 Start	DOY=273 Peak	End times	SMM Pointing:	N09E67		Pitch=-106", Yaw=+870", Roll=0deg	=+870", Roll:	=0deg	H.Ang=66deg
GOES HXRBS 22 UVSP 22		22:29:46	22:37:08	Peakc/s=66 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=4175 Exp #=44100	MaxkeV=66 Rast=180"x1"	Step=0" F	Pitch=-107"	', Yaw=+811"
					86/10/01	DOY=274				
Event # = 8260 86/10/01,02:07 Start		DOY=274 Peak	Fnd times	SMM Pointing:	N09E65		Pitch=-103", Yaw=+860", Roll=0deg	=+860", Roll=		H.Ang=64deg
GOES HXRBS 02: UVSP 02:		02:07:30	02:08:22	Peakc/s=69 Wavelength=2788A	Qua1=00 Qua1=01	Exp #=44105	MaxkeV=411 Rast=180"x1"	Step=0" P	=-104"	, Yaw=+795"
7 + 400	0261				86/10/02	D0Y=275				
86/10/02,09:34 Start		DOY=275 Peak	End times	SMM Pointing:	N07W00	ı	Pitch=+0", Yaw=+1", Roll=Odeg	.", Roll=0deg	-	H. Ang=0deg
GOES HXRBS 09:		09:34:48	09:35:37	Peakc/s=80	Qual=00 Qual=01		MaxkeV=209			•
Event # = 8262 86/10/02,18:20 Start	8262 18:20	D0Y=275 Peak	Fnd times	SMM Pointing:	N08E38		Pitch=-46", Yaw=+	, Yaw=+584", Roll=0deg		H. Ang=38deg
RBS 18: SP 18:	:20:51 :33	18:20:54	18:20:58	Peakc/s=239 Wavelength=2788A	Qual=01	Tot Cts=531 Exp #=44127	MaxkeV=559 Rast=243"x243"	Flags=NS,GB Step=3" Pitch=-962",Yaw=+30"	} 'itch=-962",	, Yaw=+30"

					86/10/06	D0Y=279				
Event # 86/10/06	= 8263 6,21:23	D0Y=279	6 + 7 cu	SMM Pointing:	N32W03		Pitch=-415",Yaw≕.	,Yaw=-48",Roll=Odeg		H.Ang=26deg
GOES HXRBS UVSP	start 21:22:58 21:17	Peak 21:23:47	21:2	Peakc/s=70 Wavelength=2788A	Qual=00 Qual=01	Exp #=44277	MaxkeV=94 Rast=180"x1"	Step=0" F	Pitch=-292",	, Үаw=-13"
					86/10/13	D0Y=286				
Event # 86/10/13	# = 8266 13,17:20	D0Y=286		SMM Pointing:			Pitch=+242",Yaw≕	, Yaw=+992", Roll=Odeg	=0deg	
~	Start	Peak	times		S05W85	AR4748	Mac.=BX0	Carr.Lon.=86deg		H.Ang=86deg
SES XRBS VSP	~~;;	17:20 17:24:26	17:38 17:24:45	Importance=8/ Peakc/s=83 Wavelength=1375	Qual=01 Qual=01 A Code=00	Exp #=44514 Event # = 8264	MaxkeV=67 Rast=265"x265"	Step=5"	Pitch=+236"	,Yaw=+1022"
XRBS	4	17:20	17:20:21	c/s=75		: *	MaxkeV=67	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1
HXRBS	17:20:58	17:21:41	57	kc/s=76		:	MaxkeV=67			
Event # 86/10/1	# = 8267 13,21:41	D0Y=286		SMM Pointing:	S04W87		Pitch=+67", Yaw=-960", Roll=Odeg	.960",Roll≕		H.Ang=87deg
GOES HXRBS BCS	Start 21:37 21:41:34 21:41	Peak 21:41 21:41:45 21:41	22:00 5 21:42:06 21:43	Importance=C6 Peakc/s=68 CaPeak.c/s=29	Qual=01 Qual=01 Qual= 1	FePeak=21:41	MaxkeV=67 FePeak.c/s=10	#Peaks=1	dt= 7.7s Cad= 500c	XEN=628600
FCS UVSP	21:24			Wavelength=2788A	Code=01	Exp #=44520				Yaw=-758"
Event 86/10/	# = 21269 13,23:04	D0Y=286	1	SMM Pointing:	S04W87		Pitch=+67", Yaw=-960"	-960", Roll=Odeg	0deg	H.Ang=87deg
GOES	S 22:57 23:06	23:04 23:06 23:06	23:13 23:08	تت	Qual=05 Qual= 1	FePeak=23:06	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=3840s	XEN=628601 3840s/pixel
FCS UVSP Radio	22:59 Sweeps		Type/Intensity:	Wavelength=2788A III/1	Code=00	Exp #=44521	=			Yaw=-758"
					86/10/14	4 D0Y=287				
Event # 86/10/14	# = 21270 14,08:54	_		SMM Pointing:	S04W87		Pitch=+67",Yaw=-960"	-960", Roll=Odeg	•Odeg	H.Ang=87deg
GOES BCS	Start 08:37 08:43	7eak 08:54 08:48	09:27 09:05	Importance=Cl CaPeak.c/s=28	Qual=03 Qual= 1	FePeak=08:46	FePeak.c/s=8	#Peaks=1 Sten=10"	dt= 7.7s Cad= 590s	XEN=628700 1.024s/pixel
FCS UVSP	09:56			Wavelength=2788A		Exp #=44529	Rast=180"x1"	1	- 1	Yaw=-758"
Event 86/10/	# = 21272 /14,14:52		4	SMM Pointing:			Pitch=+33",Yaw=-992"	-992", Roll=Odeg	=0deg	
GOES BCS	13:42 14:47	14:52 14:49 15:10	15:03 15:11	Importance=C2 (CaPeak.c/s=79 (Peak3c/s=62	Qual=01 Qual= 1	FePeak=14:49	FePeak.c/s=12 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=628702 1.024s/pixel
UVSP	14:43	?		Wavelength=2788A	Code=00	Exp #=44535	Rast=180"x1"	Step=0"	Pitch=+29"	, Yaw=-/89"

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					ı			1			•						ı	1
XEN=628701	Yaw=-758"		H.Ang=86deg	', Yaw=+839"	H.Ang=86deg	XEN=628900	1.02.3/ P.AC.		XEN=628901	1, Yaw=+839"	H.Ang=86deg	',Yaw=+839"		H.Ang=86deg	H.Ang=69deg	', Yaw=+932"	H.Ang=86deg	", Yaw=+932"
dt= 7.7s			, Roll=Odeg	Pitch=-363"	, Roll=Odeg	dt= 7.7s X	pitch=-363'		dt= 7.7s	Pitch=-363'	, Roll=Odeg	Pitch=-363",Yaw=+839		, Roll=Odeg	=237deg	Pitch=-340"	1=0deg	Pitch=-340"
#Peaks=1	Step=0"		, Yaw=+892", Rol	Step=0"	w=+892", Ro]	Flags=I #Peaks=1	Step=0			Step=0"	w=+892", Rol	Step=0"		,Yaw=+902",Rol	Carr.Lon.=237deg	Flags=I Step=3"	, Yaw=+902", Roll=Odeg	Step=5"
FePeak.c/s=12 Past=240"x240"	Rast=180"x1"		Pitch=-359",Ya	MaxkeV=67 Rast=180"x1"	Pitch=-359", Yaw=+892"	MaxkeV=67 FePeak.c/s=9	Rast=180"x1"	And the second s	FePeak.c/s=12	Rast=180"x1"	Pitch=-359", Yaw=+892"	MaxkeV=122 Rast=180"x1"		Pitch=-336",Ya	Mac.=BX0	MaxkeV=67 Rast=243"x243"	Pitch=-336", Ya	MaxkeV=67 Rast=265"x265"
Event # = 21271 FePeak=13:49	Exp #=44534	D0Y=289		Exp #=44592		Tot Cts=208 FePeak=20:17	Exp #=44594		FePeak=20:49	Exp #=44594		Tot Cts=3447 Exp #=44595	7 D0Y=290		AR4750	Tot Cts=286 Exp #=44650		Exp #=44655
Associated Qual= 1		86/10/16	N22E88	Qual=01 Qual=01 Code=02	N22E88	Qual=05 Qual=01 Qual= 1	Code=00		Qua]=00 Qua]= 1		N22E88	Qual=01 Qual=01 Code=01	1/01/98	N21E88	N21E70	Qual=01 Qual=01 Code=00	N21E88	Qual=01 Qual=01 Code=00
CaPeak.c/s=46	Wavelength=2788A		SMM Pointing:	Importance=C5 Peakc/s=64 Wavelength=2788A	SMM Pointing:	<pre>Importance=C1 Peakc/s=57 CaPeak.c/s=32</pre>	Wavelength=2788A III/1 V/1		CaPeak.c/s=19	Wavelength=2788A	SMM Pointing:	Importance=B9 Peakc/s=397 Wavelength=2788A III/1		SMM Pointing:	HaClass=SF	Importance=85 Peakc/s=50 Wavelength=2788A	SMM Pointing:	Importance=C7 Peakc/s=76 Wavelength=1375A III/1
14:12				18:00 17:57:25	1	20:30 20:17:00 20:26	ntensity:	End times	21:01			22:10 22:03:31 ntensity:		•	End times	20:04 19:59:43	End + imos	23:32 23:13:03 ntensity:
13:49			DOY=289	reak 17:56 17:56:40		Peak 20:17 20:16:40 20:17	Type/Intensi	D0Y=289 Peak	20:54			7eak End 22:03 22:10 22:02:49 22:0 Type/Intens		D0Y=290		19:59 19:58:21	DOY=290	233
13:44	14:09		# = 8268 '16,17:56	GOES 17:49 HXRBS 17:55:58 UVSP 18:00		20:05 20:05 20:16:32 20:16	20:09 Sweeps	Event # = 22532 86/10/16,20:54 Start	20:49	20:09	# = 8270 16,22:03	Start 60ES 21:56 HXRBS 22:02:29 UVSP 21:42 Radio Sweeps		# = 8339 /17,19:59	•	19:51 19:56:06 19:52	# = 8271 /17,23:23	23:09 23:12:40 23:00 5 Sweeps
. SSS	UVSP		Event 86/10/	GOES HXRBS UVSP	Event 86/10/	GOES HXRBS BCS	rcs UVSP Radio	Event 86/10/	SCS SCS SCS	SSN SP	Event 86/10/	GOES HXRBS UVSP Radio		Event #86/10/	Optica	GOES HXRBS UVSP	Event 86/10/	GOES HXRBS UVSP Radio

				86/10/18	8 D0Y=291				Marie and the second second second second second second second second second second second second second second
Event # = 2127. 86/10/18,00:33	m		SMM Pointing:	N21E88	!	Pitch=-336", Yaw	, Yaw=+902", Roll=0deg	1=0deg	H.Ang=86deg
_	Peak	≣es ⊟es	HaClass=1N	N19E67	AR4750	Mac.=DKC	Carr. Lon. =237deg	=237deg	H. Ang=66deg
GOES 00:24 BCS 00:32	00:33 00:35	00:44 00:35	Importance=C1 CaPeak.c/s=28	Qual=04 Qual= 1	FePeak=00:32	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=629100
rts UVSP 00:33 Radio Freque	0:33 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1375A 245/4600 410/930	Code=02	Exp #=44656	Kast=0"x0" Rast=280"x280"	Step=0" Step=10"	Cad=3840s Pitch=-338",	3840s/pixel ",Yaw=+930"
Event # = 8272 86/10/18,03:41 Start	2 1 D0Y=291 Peak	Fnd times	SMM Pointing:	N21E88		Pitch=-336", Yaw	, Yaw=+902", Roll=0deg]≖0deg	H.Ang=86deg
Optical 60ES 03:20	03:41	03:50	HaClass=SF Importance=C2	N21E68 0ual=04	AR4750	Mac.=DKC	Carr.Lon.=234deg	=234deg	H.Ang=67deg
HXRBS 03:40:4 BCS 03:42	:40 03:41:28 03:43	03:43:10 03:47	Peakc/s=523 CaPeak.c/s=51	Qual=01 Qual= 1	Tot Cts=4086 FePeak=03:43	MaxkeV=122 FePeak.c/s=14		dt= 3.8s	XEN=629101
O 32	3:41 eeps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=1375A Code=02 III/2 V/3 245/36	Code=02	Exp #=44676	Rast=280"x280"	Step=10" Step=10"	cad= 2028 1 Pitch=-338",	1.0∠4s/p1xei ",Yaw=+930"
Event # = 21274 86/10/18,04:15	74 5 DOY=291 5 DOY=291		SMM Pointing:	N21E88		Pitch=-336", Yaw	, Yaw=+902", Roll=0deg	1=0deg	H.Ang=86deg
Optical	700 F	בוות רווונס		N18E73	AR4750	Mac.=DKC	Carr.Lon.=229deg	=229deg	H.Ang=72deg
BCS 04:05	04:09	04:28 04:28	Importance=Ul CaPeak.c/s=35	(ual=03 (ual= 1	FePeak=04:06	FePeak.c/s=10		dt= 7.7s	XEN=629102
UVSP 04:13 Radio Sweeps	Type/1	Type/Intensity:	Wavelength=1375A III/1	Code=00	Exp #=44683	kast=240"x240" Rast=30"x30"	Step=10" Step=0"		1.024s/p1xel ",Yaw=+835"
Event # = 21275 86/10/18,05:19	75) DOY=291	1	SMM Pointing:	N21E88		Pitch=-336", Yaw	, Yaw=+902", Roll=0deg]=0deg	H. Ang=86deg
GOES 05:09 BCS 05:17	05:19 05:22	05:59 05:37	Importance=Cl CaPeak.c/s=40	Qual=04 Qual= 1	FePeak=05:18	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=629103
UVSP 05:17 Radio Sweeps	Type/1	Type/Intensity:	Wavelength=1375A III/1	Code=00	Exp #=44689	kast=0"x0" Rast=30"x30"	Step=0" Step=0"	cad=1.02s 1 Pitch=-313",	1.024s/p1xe1 ",Yaw=+835"
Event # = 8273 86/10/18,12:20 Start) D0Y=291 Peak	End times	NO-200ED VI	NOTEG7	CAPACA	330		77.00	
GOES 12:10	12:20	12:40	Importance=C1	N21ED/ Qua]=03	AK4/50	mac.=UKC	carr.Lon.=231deg	=Z3Ideg	H.Ang≖b/deg
HXRBS 12:14:49 BCS 12:18 FCS	12:21 12:21	12:16:41 12:29		Qua =01 Qua = 1	Tot Cts=1948 FePeak=12:21	MaxkeV=67 FePeak.c/s=8		dt= 7.7s	XEN=629104
UVSP 12:15			Wavelength=1375A Code=00	Code=00	Exp #=44745	Rast=30"x240" Rast=30"x30"	Step=10" Step=0"	cad= 590s 1 Pitch=-333",	1.024s/plxel ",Yaw=+835"

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231deg H.Ang=66deg	H.Ang=62deg	XEN=629200	1.0245/p1xe1 ",Yaw=+783"	H.Ang=57deg	XEN=629201 1.024s/pixel	, I aW-1/31	H.Ang=53deg	H.Ang=51deg	XEN=629202	1.024s/p1xe1 ",Yaw=+667"	H.Ang=53deg	", Yaw=+667"
=231deg	, Roll=0deg	EN 7.7S	cau- 9225 Pitch=-335"]≖0deg	dt= 7.7s) Cad=1.02s]	046-41-046	l=0deg	-232deg	dt= 7.7s		l=0deg	Flags=I, AX Step=0" Pitch=-314", Yaw=+667"
Carr.Lon.=231deg Flags=I	, Yaw=+818", Roll=0deg	Flags=M5, #Peaks=1	Step=0"	#=+777", Rol	#Peaks=2 Step=0"	o-danc	w=+736", Rol	Carr.Lon.=232deg	Flags=I #Peaks=2	Step=0"	v=+736", Rol	Flags=I,A) Step=0"
Mac.=DKC MaxkeV=67 Dsc+=30"y30"	Pitch=-239", Yaw	_	Rast=30"x30"	Pitch=-233", Yaw=+777", Roll=Odeg	FePeak.c/s=9 Rast=0"x0" Dast=30"\230"	אמז ב- זה אזה	Pitch=-228", Yaw=+736", Roll=Odeg	Mac.=EKI	MaxkeV=122 FePeak.c/s=11	Rast=0 x0 Rast=30"x30"	Pitch=-228", Yaw=+736", Roll=Odeg	MaxkeV=306 Rast=30"x30"
AR4750 Tot Cts=172 Exp. #=44759	9 D0Y=292	Tot Cts=2.00E+6 FePeak=00:46	Exp #=44798		FePeak=09:59	* dy		AR4750	Tot Cts=3311 FePeak=16:33	Exp #=44908		Tot Cts=4699 Exp #=44908
N23E66 Qual=03 Qual=01	86/10/19 N17E62 N21E62	Qual=03 Qual=03 Qual= 5	Code=00	N17E57	Qual=05 Qual= 1	3	N17E53	N21E50 Oual=01	Qual=01 Qual= 1	Code=02	N17E53	Qua]=00 Qua]=01
HaClass=SF Importance=C3 PeakC/s=57	SMM Pointing:	Importance=M5 Peakc/s=3110 CaPeak.c/s=2914	Wavelength=1375A C II/3 IV/1 245/340	SMM Pointing:	Importance=Cl CaPeak.c/s=28 CPeak3c/s=15		SMM Pointing:	HaClass=SF Importance=Cl	Peakc/s=89 CaPeak.c/s=36	Wavelength=1375A	SMM Pointing:	Peakc/s=57 Wavelength=1375A
End times 14:10 13:56:20	End times	02:56 01:01:58 01:02		Frd + impe	10:12 10:05		End times	16:43	16:41:25 16:41		Fnd times	1
DOY=291 Peak 14:01 13:56:01	D0Y=292 Peak	00:50 00:43:30 00:46	0:37 eeps Type/Intensity Frequency(MHz)/Flux(sfu)	DOY=292	10:01 09:59 10:02		D0Y=292 Peak	16:35	16:39:12 16:34		D0Y=292 Peak	16:46:20
Event # = 8340 86/10/18,14:01 Start Optical GGES 13:51 HXRBS 13:55:46 UVSP 13:58	vent # = 8274 6/10/19,00:50 Start Drical	00:23 00:20:05 00:46	0 <u>%</u>	Event # = 21276 86/10/19,10:01			9,16:35 Start		16:29:28 16:31	16:35	Event # = 8342 86/10/19,16:46 Start	1
Event # 86/10/18 86/10/18 Optical GOES HXRBS UVSP	Event 86/10, Optica	GOES HXRBS BCS FCS	UVSP Radio Radio	Event 86/10/	GOES BCS FCS	Event	86/10/	Optica GOES	HXRBS BCS	UVSP	Event 86/10/	GOES HXRBS UVSP

Event #	Event # = 8275 36/10/19,20:30	D0Y=292	+ PG	SMM Pointing:	N19E55		Pitch=-262", Yaw	, Yaw=+744", Rol]	, Roll=Odeg	H.Ang=55deg
Optica	35.20		, E	Class=1F	N18E58		Mac.=EKI	Carr.Lon.=222deg	-222deg	H.Ang=58deg
HXRBS BCS BCS	20:20 20:31:43 20:32	20:31 20:31:5 20:33	6 20:33:14 20:35	Importance=60 Peakc/s=122 CaPeak.c/s=27	Qual=01 Qual=01 Qual= 4	Tot Cts=728 FePeak=20:32	MaxkeV=94 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=629203
UVSP Radio	20:36 Sweeps Frequen	20:36 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Intensity: Flux(sfu):	Wavelength=2788A V/2 245/11000	Code=02	Exp #=44923	kast=U`XU` Rast=243"x243"		cad=3840s Pitch=-265"	384US/p1xel ',Yaw=+768"
Event 86/10/	Event # = 8276 86/10/19,21:18	D0Y=292	9 E	SMM Pointing:	N19E55		Pitch=-262", Yaw	, Yaw=+744", Roll	, Roll=Odeg	H.Ang=55deg
Optica	3tart 31.00	71.18	21.50	HaClass=SN	N21E48	AR4750	Mac.=EKI	Carr.Lon.=232deg	²232deg	H.Ang=49deg
ECS BS	21:05:27 21:09	, 21:12:17 21:15	7 21:14:47 21:16	Peakc/s=106 CaPeak.c/s=157	Qual=01 Qual=01 Qual= 1	Tot Cts=4065 FePeak=21:14	MaxkeV=67 FePeak.c/s=39	#Peaks=1	dt= 3.8s	XEN=629204
UVSP UVSP	20:36			₩avelength=2788A	Code=00	Exp #=44923	Kast=115"X115" Rast=243"x243"	Step=5" Step=3"		2.0485/plxel ",Yaw=+768"
					86/10/20	0 D0Y=293				
Event # 86/10/2	Event # = 8278 36/10/20,03:28	D0Y=293	- +	SMM Pointing:	N19E51		Pitch≂-258",Yaw	,Yaw=+710",Roll	,Roll≖Odeg	H.Ang=51deg
Optica]]]	75ak	Cild Cilles	HaClass=SF	N22E45	AR4750	Mac.=EKI	Carr.Lon.=231deg	=231deg	H.Ang=46deg
HXRBS BCS BCS	03:24:12 03:25	03:24:3 03:25	3 03:26:00 03:29	Importance=c1 Peakc/s=313 CaPeak.c/s=29	Qual=01 Qual=01 Qual= 1	Tot Cts=7757 FePeak=03:25	MaxkeV=122 FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=629300
UVSP	03:22	Tyno/	; ;	Wavelength=1375A	Code=00	Exp #=44948	kast=0"x0" Rast=30"x30"		Cad=1.02s Pitch=-294"	1.024s/plxel ",Yaw=+655"
Radio		cy (MHz	sfu):	245/1100 410/2600 606/4000	00 606/400(Associated		4995/670 8800/490 15400/720	1	1	1
HXRBS	03:22:11	03:22:44	4 03:23:57	akc/s=173	Qual=01	J	MaxkeV=94		1	
Event 86/10/	Event # = 8343 86/10/20,08:01	D0Y=293		SMM Pointing:	N19E48		Pitch=-255", Yaw	, Yaw=+677", Roll	, Roll=Odeg	H.Ang=49deg
Optica Cors	3tart 1 07.50		08.12	HaClass=1N	N22E43	AR4750	Mac.=EKI	Carr.Lon.=231deg	=231deg	H.Ang=45deg
HXRBS UVSP Radio	07:55:37 07:56 07:56 Frequer	07.55:37 07:56:09 07:56 07:56 Frequency (MHz)/F1	9 07:56:28 Flux(sfu):	Importance_cs Peakc/s=83 (Wavelength=1375A (245/2500 410/590	Qual=01 Qual=01 Code=00	Tot Cts=383 Exp #=44982	MaxkeV=94 Rast=30"x30"	Flags=I Step=O"	Pitch=-341"	, Yaw=+649"
Event 86/10/	Event # = 8279 86/10/20,12:44	D0Y=293		SMM Pointing:	N19E46		Pitch=-252", Yaw	, Yaw=+657", Roll	, Roll=Odeg	H.Ang=47deg
Optica	ງເຜ່ ເ 12.35		12.56	HaClass=SF	N23E41	AR4750	Mac.=EKI	Carr.Lon.=230deg	-230deg	H.Ang=43deg
HXRBS	12:42:37 12:33	7 12:43:00	12:43:27	Peakc/s=52 Wavelength=1375A	Qual=01 Code=00	Exp #=45012	MaxkeV=67 Rast=30"x30"	Step=0"	Pitch=-288",Yaw=+602	, Yaw=+602"

N22E41 AR4750 Hac.=EKI Carr.Lon.=229deg H.Ang=43deg Qual=02	Fnd times
MaxkeV=67 Code=01 Exp #=45028 Rast=30"x30" Step=0" Pitch=-178 Code=01 Exp #=45028 Rast=30"x30" Step=0" Pitch=-178 M21E41 M21E41 M21E41 Pitch=-280", Yaw=+590", Roll=Odeg Qual=00 Qual=01 Exp #=45031 Rast=280"x280" Step=10" Pitch=-281 MaxkeV=67 Qual=01 Exp #=45031 Pitch=-278", Yaw=+569", Roll=Odeg Qual=01 Exp #=45050 Rast=30"x30" Step=0" Pitch=-335 Qual=01 M21E32 Pitch=-272", Yaw=+477", Roll=Odeg Qual=01 MaxkeV=67 Rast=30"x30" Step=0" Pitch=-359 Mac.=EAI MaxkeV=67 Rast=30"x30" Step=0" Pitch=-359 MaxkeV=67 Rast=30"x30" Step=0" Pitch=-211" MaxkeV=67 Rast=30"x30" Step=0" Pitch=-211" MaxkeV=67 Rast=30"x30" Step=0" Pitch=-211" MaxkeV=67 Rast=30"x30" Step=0" Pitch=-211" MaxkeV=67 Rast=30"x30" Step=0" Pitch=-211" MaxkeV=67 Rast=30"x30" Step=0" Pitch=-211" MaxkeV=67 Rast=30"x30" Step=0" Pitch=-230deg Ual=02 LEOR Mac.=EKI Carr.Lon.=230deg Ual=02 LEOR AR4750 Mac.=EKI Carr.Lon.=230deg Ual=02 Cad=10.05 Cad=10	HaClass=SF
Exp #=45031	Peak c/s=62 Wavelength=1375A 8800/1200
Exp #=45031 Rast=280"x280" Step=10" Pitch=-281 Pitch=-278", Yaw=+569", Roll=Odeg Tot Cts=732 Maxkev=67 Exp #=45050 Rast=30"x30" Step=0" Pitch=-335 Exp #=45050 Mac.=EAI Carr.Lon.=227deg AR4750 Mac.=EAI Carr.Lon.=227deg FePeak=08:49 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Pitch=-359" Tot Cts=1044 Maxkev=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211" Pitch=-264", Yaw=+263", Roll=0deg AR4750 Mac.=EKI Carr.Lon.=230deg FePeak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=30"x300" Step=10" Cad= 922s Exp #=45322 Rast=30"x300" Step=10" Cad= 922s Exp #=45322 Rast=30"x300" Step=10" Pitch=-329"	SMM Pointing:
Tot Cts=732 Exp #=45050 Rast=30"x30" Step=0" Pitch=-272", Yaw=+569", Roll=0deg Pitch=-272", Yaw=+477", Roll=0deg AR4750 Ac.=EAI Carr.Lon.=227deg FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Pitch=-359" Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-264", Yaw=+263", Roll=0deg AR4750 AR4750 AR4750 AR4750 AR4750 AR2=4530"x300" Step=10" AR4750 Rast=300"x300" Step=10" Pitch=-230deg FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Pitch=-3359" FeReak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=0" Pitch=-3362s	Peakc/s=69 Wavelength=1375A
Tot Cts=732 Exp #=45050 Rast=30"x30" Step=0" Pitch=-272", Yaw=+477", Roll=0deg AR4750 AR4750 AR2.=EAI Carr.Lon.=227deg FePeak=08:49 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Step=0" Pitch=-359" Pitch=-264", Yaw=+263", Roll=0deg Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211" Pitch=-262", Yaw=+133", Roll=0deg AR4750 Mac.=EKI Carr.Lon.=230deg FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=45322 Rast=300"x300" Step=10" Cad= 922s Rast=300"x300" Step=10" Pitch=-359"	SMM Pointing:
Pitch=-272", Yaw=+477", Roll=Odeg AR4750 Mac.=EAI Carr.Lon.=227deg FePeak=08:49 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Exp #=45118 Rast=30"x30" Step=0" Pitch=-359 Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211" Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211" Pitch=-262", Yaw=+133", Roll=0deg AR4750 Mac.=EKI Carr.Lon.=230deg FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=45322 Rast=30"x30" Step=0" Pitch=-329"	Peakc/s=58 Wavelength=1375A
Pitch=-272", Yaw=+477", Roll=odeg AR4750 Mac.=EAI Carr.Lon.=227deg FePeak=08:49 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s 2 D0Y=295 Pitch=-264", Yaw=+263", Roll=odeg Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211" Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211" FePeak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=4532 Rast=30"x30" Step=0" Pitch=-329"	
FePeak=08:49 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Exp #=45118 Rast=30"x30" Step=0" Pitch=-359' Pitch=-264", yaw=+263", Roll=0deg Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211' Pitch=-262", Yaw=+133", Roll=0deg AR4750 Mac.=EKI Carr.Lon.=230deg FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=45322 Rast=30"x30" Step=0" Pitch=-329"	SMM Pointing: A
FePeak=08:49 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Step=0" Step=0" Cad=1.02s Step=0" Pitch=-359' Pitch=-264", Yaw=+263", Roll=0deg Tot Cts=1044 MaxkeV=67 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211' Pitch=-262", Yaw=+133", Roll=0deg AR4750 Mac.=EKI Carr.Lon.=230deg FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=4532 Rast=30"x30" Step=0" Pitch=-329"	
Exp #=45118 Rast=30"x30" Step=0" Cad=1.02s 22	CaPeak.c/s=23 Qu
Pitch=-264", Yaw=+263", Roll=Odeg Tot Cts=1044	Wavelength=1375A Co
Tot Cts=1044 Maxkey=67 Step=0" Pitch=-211 Exp #=45274 Rast=30"x30" Step=0" Pitch=-211 Pitch=-211 AR4750 Mac.=EKI Carr.Lon.=230deg FePeak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Rast=300"x300" Step=0" Pitch=-329	3
Tot Cts=1044	SMM Pointing: N2
Pitch=-262", Yaw=+133", Roll=0deg AR4750 Mac.=EKI Carr.Lon.=230deg FePeak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=4532 Rast=30"x30" Step=0" Pitch=-329	Qu Peakc/s=85 Qu Wavelength=1375A
Pitch=-262", Yaw=+133", Roll=Odeg AR4750 Mac.=EKI Carr.Lon.=230deg FePeak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=45322 Rast=30"x30" Step=0" Pitch=-329	8
AR4750 Mac.=EKI Carr.Lon.=230deg FePeak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=45322 Rast=30"x30" Step=0" Pitch=-329	SMM Pointing: N2
FePeak=04:04 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=300"x300" Step=10" Cad= 922s Exp #=45322 Rast=30"x30" Step=0" Pitch=-329	HaClass=SN NZ
	.c/s= <u>19</u> ngth=1375A

				86/10/24	D0Y=297			
Event # = 21279 86/10/24,04:40	0	l .	SMM Pointing:	N21W05		Pitch=-262",Yaw	, Yaw=-81", Roll=Odeg	H.Ang=16deg
Start Optical	Peak	d times		NZSWOZ	AR4750	Mac.=EAI	Carr.Lon.=225deg	H.Ang=20deg
GÓES 04:20 BCS 04:37	04:40 04:38	04:55 04:41	Importance=B8 CaPeak.c/s=19 Deak3_c/s=14	Qual=01 Qual= 1	FePeak=04:37	FePeak.c/s=7 Rast=300"x300"	#Peaks=1 dt= 7.7s Step=10" Cad= 922s	/s XEN=629700 22s 1.024s/pixel
UVSP 04:33	2		Wavelength=1375A	Code=00	Exp #=45423	Rast=30"x30"	Step=0" Pitch=-340"	-340", Yaw=-40"
Event # = 21280 86/10/24,05:34	D0Y=297		SMM Pointing:	N21W05		Pitch=-262", Yaw	, Yaw=-81", Roll=Odeg	H.Ang=16deg
Start Optical	Peak	nd times	HaClass=IN	N25W03	AR4750	Mac.=EAI	Carr.Lon.=225deg	H.Ang=20deg
GOES 05:24 BCS 05:51 FCS 05:46 UVSP 05:46	05:34 05:52 05:51	06:25 05:56	Importance=Cl CaPeak.c/s=38 Peak3c/s=22 Wavelength=2788A	Qua!=05 Qua]= 4	FePeak=05:52 Exp #=45428	FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	#Peaks=1 dt= 7.8s Step=15" Cad= 262s Step=0" Pitch=-268"	3s XEN=629701 52s 1.024s/pixe1 -268",Yaw=-60"
Event # = 8284 86/10/24,12:42	1		SMM Pointing:	N21W09		Pitch=-263", Yaw	Pitch=-263", Yaw=-148", Roll=Odeg	H.Ang=18deg
Start GOES 12:30 HXRBS 12:37:57 RCS 12:39	reak 12:42 7 12:38:43 12:40	End times 13:10 12:40:54 12:45	Importance=C2 Peakc/s=946 CaPeak.c/s=166	Qual=03 Qual=01 Qual= 1	Tot Cts=32066 FePeak=12:40	MaxkeV=151 FePeak, c/s=52	#Peaks=1 dt= 3.8s	
FCS UVSP 13:01 Radio Freque	12:45 cy (MHz)	/Flux(sfu):	Peak3c/s=144 Wavelength=2788A 4995/38 8800/110	15400/67	Exp #=45437	Rast=0"x0" Rast=180"x1"		bus &bu.45/pixer -268", Yaw=-122"
Event # = 8345 86/10/24,20:12	D0Y=297		SMM Pointing:			Pitch=-137", Yaw	, Yaw=+958", Roll=0deg	· •
Start Optical		End times	HaClass=SF	N22W12	AR4750	Mac.=EAI	Carr.Lon.=226deg	H.Ang=21deg
GOES 20:00 HXRBS 20:06:00 UVSP 20:00	20:12 20:06:2	20:30 4 20:06:53	Importance=B5 Peakc/s=61 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=151 Exp #=45447	MaxkeV=67 Rast=265"x265"	Flags=I Step=5" Pitch=-138"	-138", Yaw=+985"
Event # = 21281 86/10/24,23:29	1 D0Y=297		SMM Pointing:	N21W15		Pitch=-265", Yaw	, Yaw=-240", Roll=0deg	H.Ang=22deg
Start Optical		ᇋ.		N23W16	AR4750	Mac.=EAI	Carr.Lon.=228deg	H.Ang=24deg
GOES 23:14 BCS 23:25	23:29 23:26	23:52 23:30	Importance=B/ CaPeak.c/s=23	Qua!=01 Qua]= 1	FePeak=23:25	FePeak.c/s=9	#Peaks=1 dt= 7.7s S+en=0" Cad=1.02s	-
FCS UVSP 23:25 Radio Sweeps	Type/Inten	Intensity:	Wavelength=1375A (III/1	Code=00	Exp #=45462	Rast=30"x30"		Pitch=-305", Yaw=-219"
				86/10/26	26 D0Y=299			
Event # = 8346 86/10/26,01:56		•	SMM Pointing:	N21W30		Pitch=-277", Yaw=-449"	w=-449",Roll=Odeg	H.Ang=33deg
Start Optical	Peak	ਰ '	HaClass=SF	N24W29	AR4750	Mac.=EAI	Carr.Lon.=227deg	l H.Ang=34deg
GOES 01:46 HXRBS 01:53:00 UVSP 01:53	01:56 01:53:1	02:16 6 01:53:38	Importance=65 Peakc/s=87 Wavelength=1375A	Qual=01 Code=00	Tot Cts=642 Exp #=45512	MaxkeV=122 Rast=30"x30"	Flags=I Step=0" Pitch	Pitch=-324",Yaw=-437"

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	H.Ang=65deg	3", Yaw=-793"	H.Ang=43deg	H.Ang=61deg	3", Yaw=-431"			Pitch=-4".Yaw=+1026"			Pitch=+236",Yaw=+1026"		XEN=630300	860.4s/plxel ",Yaw≃-687"	", Уам=-687"	dt= 7.7s XEN=630301 Cad= 860s 860.4s/pixel	, Yaw=-68/
	oll=0deg	Pitch=-319"	oll=0deg	Carr.Lon.=222deg	Pitch=+463"		, Roll=0deg	Pitch=-4".		, Roll=Odeg	Pitch=+236			cad= 850S 8 Pitch=-380",	Flags=NS,GB Step=0" Pitch=-380"		Fitch=-38U
	IW=-817", Rc	Step=3"	IW=-460", Ro	Carr.Lon	Step=3"		, Yaw=+998", Roll	Flags≖I Step≔5"		, Yaw=+996", Ro	Flags=I Step=5"		Flags=I #Peaks=1	Step=0"	Flags=NS Step=0"	#Peaks=2 Step=0"	o=daic
	Pitch=-314", Yaw=-817", Roll=Odeg	MaxkeV=40 Rast=243"x243"	Pitch=+467", Yaw=-460", Roll=Odeg	Mac.=CSO	MaxkeV=57 Rast=243"x243"		Pitch=+0",Yaw≃	MaxkeV=122 Rast=265"x265"	130	Pitch=+235", Ya	MaxkeV=67 Rast=265"x265"		MaxkeV=67 FePeak.c/s=13	Rast=180"x1"	MaxkeV=151 Rast=180"x1"	FePeak, c/s=12 Rast=0"x0" Pact=190"01"	KA3 L-100 A1
28 D0Y=301		Tot Cts=1296 Exp #=45657		AR4750	Tot Cts=3638 Exp #=45658	0 D0Y=303		Tot Cts=2562 Exp #=45690	1415/130 4995/130		Tot Cts=324 Exp #=45692	AR4750	Tot Cts=251 FePeak=09:56	Exp #=45705	Tot Cts=121 Exp #=45706	FePeak=10:04	מסיורד = שלא
86/10/28	N21W65	Qual=01 Qual=01 Code=00	S25W32	N22W61	Qual=01 Qual=01 Code=00	86/10/30		Qual=01 Qual=01 Code=00	0 606/260		Qual=01 Qual=01 Code=00		Qual=01 Qual=01 Qual= 1		Qual=01	Qual=01 Qual= 1	
	SMM Pointing:	Importance=B8 Peakc/s=116 Wavelength=2788A	SMM Pointing:	HaClass=SF	Peakc/s=161 Wavelength=2788A		SMM Pointing:	Importance=85 Peakc/s=207 Wavelength=1375A	111/1 245/15000 410/870	SMM Pointing:	Importance=B6 Peakc/s=61 Wavelength=1375A	SMM Pointing:	Importance=Cl Peakc/s=66 CaPeak.c/s=52 Peak3.c/s=380	Wavelength=2788A	Peakc/s=86 Wavelength=2788A	Importance=C1 CaPeak.c/s=38 Peak3.c/s=205	
	End times	20:23 20:11:44	Fnd +imps	7.40	21:26:53		Ě		ntensity: lux(sfu):	Fnd +imps	00:40 00:32:07		10:01 10:01 10:01		End times 10:06:40	End times 10:09 10:10	
		20:14 8 20:10:16	D0Y=301		5 21:25:07		DOY=303	00:10 00:16:29 00:16:51 00:17 00:09	lype/ II cy (MHz) / F	D0Y=303	00:35 00:31:41	DOY=303	7548 09:58 09:54:42 09:56) -	00Y=303 Peak 10:06:35	DOY=303 Peak 10:08 10:06 10:04	
	. # = 8286 //28,20:14 Start	20:06 5* 20:09:18 19:54	Event # = 8285 86/10/28,21:29 Start	a] 21:00	21:24:3 21:28	7770 - #	# = 834/ /30,00:20 Start	00:10 00:16:29 00:09	sweeps Frequen	# = 8348 /30,00:35 Start	GOES 00:24 HXRBS 00:31:03 UVSP 00:33	# = 8350 /30,09:58	9000	09:29	Event # = 12756 86/10/30,10:06 Start HXRBS 10:06:30 UVSP 10:26	# = 21282 /30,10:08 Start 10:06 10:04	i
	Event 86/10/	GOES HXRBS* UVSP	Event 86/10	Optic GOFS	HXRBS* UVSP		86/10/3	GOES HXRBS UVSP	Radio	Event 86/10/	GOES HXRBS UVSP	Event #86/10/	GOES HXRBS BCS FCS	UVSP	Event 86/10/ HXRBS UVSP	Event # 86/10/; 86/10/; 60ES BCS FCS UVSP	ı L

					86/10/31	D0Y=304					
Event # =	21283					1	-1.501-40+50	1100 "0031-1-1-V	-0400	U Ann=3/den	
86/10/31,22:02	22:02	D0Y=304		SMM Pointing:	S02E33		PICCH=+90", I aw	÷525°, ko⊺i≖udeg	£odeg	น.คฤษะว4นสฎ	
Optical	art	rea A		HaClass=SF	N00E32	AR4755	Mac.=BX0	Carr.Lon.	=89deg	H.Ang÷32deg	
21	:42	22:02	22:25	CaPeak.c/s=44	Qual=00 Qual= 1	FePeak=22:16	FePeak.c/s=8 Bast=300"x300"	#Peaks=1 S+en=10"	dt= 7.7s Cad= 922s	XEN=630400	
rts UVSP 21: Radio Fr	:59 requent	21:59 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=1375A 245/89		Exp #=45753	Rast=30"x30"		Pitch=+29",	, Yaw=+519"	
					86/11/01	1 DOY=305					
Event # = 86/11/01,0	21284 36:21	DOY=305	() () () () () () () () () ()	SMM Pointing:	S02E29		Pitch=+466", Yaw=-99"	/=-99", Roll	, Roll=90deg	H.Ang=29deg	
GOES 06:8	Start 06:10 06:19	reak 06:21 06:19	end times 07:11 06:25	Importance=89 CaPeak.c/s=18	Qual=03 Qual= 1	FePeak=06:19	FePeak.c/s=12	#Peaks=1	dt= 7.7s X	XEN=630500	
90 (:18			Wavelength=1375A	Code=00	Exp #=45800	Rast=30"x30"	Step=0"	Pitch=+343'	", Yaw=-127"	
Event # = 86/11/01,(: # = 21285 1/01,09:11		1	SMM Pointing:			Pitch=-483",Yaw=+877",Roll=Odeg	v=+877", Rol	11=0deg		
ြဗ	Start	уеақ К	End times	HaClass=1F	N00E12	AR4754	Mac.=HHX	Carr.Lon.=103deg	,=103deg	H.Ang=13deg	
GOES BCS 08	:42	09:11	98:60	CaPeak.c/s=40	Qual≕00 Qual= 1	FePeak=09:20	FePeak.c/s=17	#Peaks=1	dt= 7.7s	XEN=630501	
80	:45			Wavelength=1375A		Exp #=45807	Rast=265"x265"		Pitch=+96	Yaw=+469"	
					86/11/04	4 DOY=308					
Event # = 86/11/04,	21286 18:33	D0Y=308	. 1	SMM Pointing:	S04W26		Pitch=+128", Yaw=-430", Roll=Odeg	√=-430", Rol]]=Odeg	H.Ang=28deg	
Start 60ES 18:19 1 BCS 18:26 1	art :19 :26	Peak 18:33 18:26	End times 18:44 18:34	Importance=86 CaPeak.c/s=19	Qual=04 Qual= 1	FePeak=18:26	FePeak.c/s=7	#Peaks=1	dt= 7.8s	XEN=630800	
FCS UVSP 18	:18			Wavelength=2788A	Code=01	Exp #=45914	Rast=180"x1"		cau- 5223 Pitch=+124	", Yaw=-396"	
					86/11/05	5 DOY=309					
Event # = 86/11/05,	8287 08:10	1	\$ +	SMM Pointing:	N01W40		Pitch=-626", Yaw=-40", Roll=90deg	w=-40",Roll	1=90deg	H.Ang=40deg	
Start GOES 07:30 HXRBS 07:33:56 UVSP 08:58	:33:56 :58	Peak 08:10 07:34:57	End Cimes 08:40 07:35:11	Importance=B9 Peakc/s=67 Wavelength=2788A	Qual=02 Qual=01	Tot Cts=526 Exp #=45932	MaxkeV=67 Rast=243"x243"	Step=3"	Pitch=+57"	Pitch=+57",Yaw=-627"	
Event # = 21287 86/11/05,21:40	21287	DOY=309	1	SMM Pointing:	S04W37		Pitch=+119", Yav	, Yaw=-584", Ro	, Roll=Odeg	H.Ang=38deg	
Optical	art 21		ה ה		NO1W32	AR4755	Mac.=CRO	Carr.Lon.=87deg	.=87deg	H.Ang=32deg	
805 212 712	21:21 21:36	21:38	21:42	Capeak.c/s=40		FePeak=21:37	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=41.0s 4	xEN=630900 40.96s/pixel	
UVSP 22	00:			Wavelength=2788A		Exp #=45948	Rast=180"x1"	Step=0"	P1tch=+115	", Yaw=-55/"	

			86/11/06	6 DOY=310				
Event # = 8288	000-210	l	00000	•	0:424-1113# V.	[[-a 013	170	
oo/11/00,02:29 Start	DOT=310 Peak End times	SMM POINTING:	304#40		PICCH=+11/", Yav	, Yaw=-b19", Koll=Udeg	=0deg	H.Ang=41deg
_	02.20 02.50		N02W34	AR4755	Mac.=CS0	Carr.Lon.=87deg	:87deg	H.Ang=34deg
HXRBS 02:19:46 UVSP 02:43 Radio Frequen	02:19:46 02:21:37 02:22:00 02:43 Frequency(MHz)/Flux(sfu):	Importance_52 Peakc/s=81 Wavelength=2788A 245/380		Tot Cts=549 Exp #=45954	MaxkeV=67 Rast=180"x1"	Step=0"	Pitch=+113'	Pitch=+113",Yaw=-591"
Event # = 8289 86/11/06,05:39	DOY=310 Peak End times	SMM Pointing:	S04W42		Pitch=+116", Yaw	, Yaw=-641", Roll=Odeg	*0deg	H.Ang=42deg
.	, Y	Tmoont and all	NO1W36	AR4755	Mac.=CSO	Carr.Lon.=87deg	87deg	H.Ang=36deg
HXRBS 05:36:06 BCS 05:37 FCS 05:50 UVSP 05:50	05:36:16 05:37:39 05:38 05:41 05:39	Peakc/s=62 CaPeak.c/s=42 Peak3c/s=107 Wavelength=2788A	Qual=01 Qual=01 Qual= 5	Tot Cts=157 FePeak=05:37 Exp #=45958	MaxkeV=67 FePeak.c/s=17 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s X Cad= 922s 9 Pitch=+112",	XEN=631000 921.6s/pixel ",Yaw=-613"
			86/11/07	7 D0Y=311				
Event # = 8290 86/11/07,06:28	1	SMM Pointing:			Pitch=-247", Yaw=+998", Roll=Odeg	r=+998", Roll	=0deg	
`	reak Ellu Lilles	HaClass=SF	N03W49	AR4755	Mac.=CAO	Carr.Lon.=86deg	86deg	H.Ang=49deg
GUES US:15 HXRBS 06:22:53 UVSP 06:20 Radio Sweeps	U6:28 U6:59 06:23:21 06:24:28 Type/Intensity:	Importance=B3 Peakc/s=60 Wavelength=1375A III/1 V/2	Qual=01 Qual=01 Code=00	Tot Cts=451 Exp #=45991	MaxkeV=67 Rast=265"x265"	Step≖5"	Pitch=-244"	Pitch=-244",Yaw=+1028"
			86/11/09	9 DOY=313				
Event # = 12757 86/11/09,05:28	DOY=313	SMM Pointing:	S01W87	'	Pitch=+16", Yaw=	, Yaw=-969", Roll=0deg	0deg	H.Ang=87deg
	05:28:59 05:29:01	Peakc/s=184 Wavelength=1375A	Qual=01	Tot Cts=157 Exp #=46059	MaxkeV=562 Rast=265"x265"	Flags=NS,G Step=5"	Flags=NS,GB Step=5" Pitch=+13",Yaw=-939"	,Yaw=-939"
			86/11/11	1 DOY=315				
Event # = 8351 86/11/11,04:33 Start	DOY=315 Peak End times	SMM Pointing:			Pitch=+50", Yaw=-1004", Roll=0deg	1004", Roll	=0deg	
GOES HXRBS 04:26:14 UVSP 04:19	3:38 04:3	Peakc/s=246 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=42468 Exp #=46131	MaxkeV=180 Rast=180"x1"	Flags=I Step=0"	Pitch=+46",Yaw=-796"	, Yaw=-796"
I VXX			86/11/13	3 DOY=317				
Event # = 8291 86/11/13,02:11 Start	DOY=317 Peak Fnd times	SMM Pointing:	N03W00		Pitch=-2",Yaw=-1",Roll=Odeg	1",Roll=0de	D	H.Ang=Odeg
_	02:11:42 02:1	Peakc/s=150 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=5408 Exp #=46188	MaxkeV=151 Rast=243"x243"	Step=3"	Pitch=-449",Yaw=+614"	, Yaw≃+614"

AR4757 Mac.=344", Yaw=+77", Roll=Odeg Reylor Mac.=4XX Carr.Lon.=215deg FePeak=09:17 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=0%0" Step=0" Cad=_26s Exp #=46403 Rast=180"x1" Step=0" Pitch=-4", BOY=327						86/11/20	0 D0Y=324	324				
Peak End times HaClass=SF	Event 36/11/	# = 21288 20.09:13	D0Y=32		1	N23E05		l	Pitch=-344", Yaw	=+77",Roll=	-0deg	H.Ang=21deg
99:13 09:46 importance=02 (Qual=01) Febeak-09:17 Febeak-0./=7 Febeak-0./=7 Step=0" Pitch=348 (Qual=01) Febeak-09:17 Febeak-0./=7 Step=0" Pitch=348 (Qual=01) Febeak-09:17 Febeak-0./=7 Step=0" Pitch=348 (Qual=01) Febeak-09:17 Fe	Intica	Start	Peak	times	Ha. Class=SF	N25F09	AR47	57	Mac.=AXX	Carr, Lon. =	-215dea	H. Ana=24dea
Mayelength=2788A Code=02 Exp #-46403 Mast=180'X1" Step=0" Pitch=388 Peak P	SCS SCS SCS	యర్థా	09:13 09:09	:46	Importance=C2 CaPeak.c/s=38	Qual=03 Qual= 1	FePeak=0		FePeak.c/s=7		75	XEN=632400
Peak 86/11/23 BOV=327 Peak Cycli55 Qual-Ol Tot Cts=115 Maxkev=152 Flags=MS,GB Peak Mavelength=2/88A 86/11/27 DOV=331 Pitch=-396",Yaw=-889",Roll=Odeg Pox Mavelength=2/88A 86/11/27 DOV=331 Pitch=-396",Yaw=-889",Roll=Odeg Pox Peak Cycli5 Qual=01 Tot Cts=242 Maxkev=378 Flags=MS,GB Pox Box Cycli6=67 Qual=01 Tot Cts=1362 Maxkev=67 Pitch=-400" Peak Peak Cycl=122 Qual=01 Tot Cts=1362 Maxkev=67 Pitch=-400" Pox Box DoY=344 Rast=180"x1" Step=0" Pitch=-400" Pox Box Pitch=01 Tot Cts=1362 Maxkev=128"x1" Step=0" Pitch=-400" Pox Box Pitch=01 Pitch=04688 Rast=180"x1" Step=0" Pitch=-6", y Pox Box Qual=01 Tot Cts=1368 Rast=180"x1" Step=0" Pitch=-6", y Pox Box Box	VSP UVSP	9:1			Wavelength=2788A		Exp #=46		kast=0"x0" Rast=180"x1"		cad=.26s Pitch=-348'	u.zobs/plxel ",Yaw=+104"
DOY-327 Peak OGY-21:15 Off:1:5						86/11/2		327				
BOY=331 SMM Pointing: N24M88 Pitch=-396", Yaw=-889", Roll=Odeg Peak 00:42:13 PeakC/s=122 Qual=01 Tot Cts=242 MaxkeV=378 Flags=MS.GB Pitch=-400" DOY=343 BeakC/s=122 Qual=01 Tot Cts=1362 MaxkeV=378 Flags=MS.GB Pitch=-400" DOY=343 End times Importance=C1 Qual=01 Tot Cts=1362 MaxkeV=67 Pitch=-40" Pitch=-40" DOY=344 End times SMM Pointing: NOOWOO DOY=344 Pitch=+0", Yaw=+1", Roll=Odeg Peak End times SMM Pointing: NOOWOO DOY=344 Pitch=+0", Yaw=+1", Roll=Odeg Peak End times Mavelength=2788A Qual=01 Tot Cts=1698 MaxkeV=123 Pitch=-6", Yaw=+1", Roll=Odeg DOY=364 End times Mavelength=2788A Qual=01 Tot Cts=1698 MaxkeV=123 Pitch=-0", Yaw=+0", Poll=0 BOY=364 End times SMM Pointing: SO3MOO Pitch=-10", Yaw=+0", Poll=0 Pitch=-0", Yaw=-118", Roll=-0", Yaw=-118", Roll=-0", Yaw=-118", Roll=-0", Yaw=-118", Roll=-0", Yaw=-118", Roll=-0	Event 86/11/ HXRBS UVSP	# = 12758 23,04:21 Start 04:21:08 04:48	DOY=327 Peak 04:21:15	End times 04:21:25			Tot Cts= Exp #=46	115 482	MaxkeV=152 Rast=180"x1"	Flags=NS,6 Step=0"	tch=-4"	Yaw=+34"
DOY=331 End times 00:42:03 00:42:11 Peakc/s=122 Qual=01 Exp #=46581 Pitch=-396", Yaw=-889", Roll=0deg 00:42:03 00:42:11 Wavelength=1375A B6/12/09 DOY=343 End times DOY=344 End times DOY=344 End times DOY=364 Exp #=47470 Exp #=47470 Exp #=47470 Exp #=47470 Exp #=47470 Exp #=47470 Exp #=47650 End times DOY=364 End times DOY=364 End times DOY=364 End times DOY=364 End times DOY=364 End times DOY=364 Exp #=47650 Exp #						86/11/2	7	331				
No. 42:03 00:42:11 Peakc/s=122 Qual=01 Tot Cts=242 Rast=265"x265" Step=5" Pitch=-400"	Event 86/11/	# = 8293 27,00:42	D0Y=331	,		N24W88			Pitch=-396", Yaw	=-889", Rol	l≖0deg	H.Ang=88deg
DOY=343 B6/12/09 DOY=343 Peak (09:57) Importance=C1 (0ual=02) Qual=01 (0ual=02) Cts=1362 (0sec=180"x1" (0sec=02) PaxkeV=67 (0sec=02) Patch=-6", y 09:17 (09:00:55 (09:04:02 (0sec=02)) Peak (0sec=02) Qual=01 (0sec=02) Tot Cts=1362 (0sec=180"x1" (0sec=02) Pitch=+0", yaw=+1", Roll=Odeg DOY=344 (0sec=02) SMM Pointing: NOOWOO (0sec=02) Qual=05 (0sec=02) Pitch=+0", yaw=+1", Roll=Odeg DOY=364 (1sec=03) SMM Pointing: NOOWOO (0sec=02) Pitch=+0", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", Roll=-6", yaw=+0", yaw	HXRBS UVSP	Start 00:41:57 00:39	Peak 00:42:03	End time 00:42:11	Peakc/s=122 Wavelength=1375A		Tot Cts= Exp #=46	242 581	MaxkeV=378 Rast=265"x265"	Flags=NS,(Step=5"	аВ Ріtch=-400	", Yaw=-858"
DOY=343 End times						86/12/0		343		A STATE OF THE STA		
SAME SAME	Event 86/12/ GOES HXRBS UVSP	# = 8295 09,09:17 Start 08:35 09:00:19	DOY=343 Peak 09:17 09:00:55	End times 09:57 09:04:02	Importance=C1 Peakc/s=67 Wavelength=2788A	~~	Tot Exp	1362 888	MaxkeV=67 Rast=180"x1"	Step=0"	Pitch=-6",	Yaw=+42"
DOY=344 End times Importance=B7 Qual=05						86/12/1		344				
12:15	Event 86/12/	# = 8296 10,12:15		1		00M00N			Pitch=+0", Yaw=+	1", Roll=0de	Ş	H.Ang=Odeg
DOY=364 SMM Pointing: \$03W00 Pitch=+0",Yaw=+0",Roll=Odeg DOY=364 End times Qual=00 O2:24:36 O2:27:05 Peakc/s=69 Qual=01 Tot Cts=1140 Pitch=+0",Yaw=+0",Roll=Odeg Qual=00	GOES HXRBS UVSP	start 11:52 12:24:50 12:20	Peak 12:15 12:26	End times 12:54 12:29:33	Importance=B7 Peakc/s=78 Wavelength=2788A	Qual=05 Qual=01 Code=02	Tot Cts= Exp #=46	1698 924	MaxkeV=123 Rast=180"x1"	Flags=AX Step=0"	Pitch=-6",	Yaw=+42"
DOY=364 End times						86/12/3		364				
02:24:36 02:27:05 Peakc/s=69 Qual=01 Tot Cts=1140 MaxkeV=124 Step=0" Pitch=-7", y Wavelength=2788A	Event 86/12/	# = 8305 30,02:24	DOY=364	7		S03W00			Pitch=+0",Yaw=+	0", Ro]]=0d€	5	H.Ang=Odeg
DOY=3 SMM Pointing: NO6WO7 Peak End times Qual=00 08:59:03 08:59:17 Peakc/s=172 Qual=01 Tot Cts=784 MaxkeV=212 Flags=M1 Wavelength=2788A Exp #=47567 Rast=180"x1" Step=0" Pitch=-161"	GOES HXRBS UVSP	02:23:52 02:05		. 02:27:05	Peakc/s=69 Wavelength=2788A		Tot Cts= Exp #=47	1140 470	MaxkeV=124 Rast=180"x1"	Step=0"	Pitch=-7",	Yaw=+57"
DOY=3 SMM Pointing: NO6WO7 Pitch=-154",Yaw=-118",Roll=Odeg Peak End times Qual=00 08:59:03 08:59:17 Peakc/s=172 Qual=01 Tot Cts=784 MaxkeV=212 Flags=M1 Wavelength=2788A Exp #=47567 Rast=180"x1" Step=0" Pitch=-161"						87/01/0		3				
Qual=00 08:59:03 08:59:17 Peakc/s=172 Qual=01 Tot Cts=784 MaxkeV=212 Flags=M1 Wavelength=2788A Exp #=47567 Rast=180"x1" Step=0"	Event 87/01/	# = 8307 '03,08:59		+:	Pointing	N06W07			Pitch=-154",Yaw	118", Rol	1=0deg	H.Ang=11deg
	GOES HXRBS UVSP	08:58:49 09:09		08:59:17	Peakc/s=172 Wavelength=2788A		Exp	784 567	MaxkeV=212 Rast=180"x1"	Flags=M1 Step=0"	Pitch≖-161	", Yaw=-69"

### 83 22:11:55 22:19:10 Peakc/s-63 40al-01 Dt Cts=222	, , , , , , , , , , , , , , , , , , ,				87/01/07	7 D0Y=7			
22:17:25 22:19:10 Peakc/s-63 Qual=01 Exp #44677 Rast=180°x1" Step=0" Pitch=-7", y wave length=2788A Qual=01 Tot Cts=222 Rast=180°x1" Step=0" Pitch=-7", y Rast=180°x1" Step=0" Pitch=-70°x Step=0" Pitch=-70°x Step=0" Pitch=-70°x Step=0" Pitch=	Event # = 8 87/01/07,22 Star		- C - C - C - C - C - C - C - C - C - C	SMM Pointing	S04W00		Pitch=+2",Yaw=	+8", Roll=0deg	H.Ang=Odeg
14:08:57 14:09:39 Peakc/s=105 Qual=00 Tot cts=624 Maxkew=212 Rast=180"x1" Step=0" Pitch=-7", y	GOES HXRBS 22:1 UVSP 22:1		:25 22:19:10	0		Tot Cts=2232 Exp #=47677	MaxkeV=124 Rast=180"x1"		7", Yaw=+57"
Peak End times 14.08:57 14:09:39 Peakc/s=105 Qual=00 Tot Cts=624 Raste1212 Rast=180°X1" Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-7", y Ravel=180°X1 Step=0" Pitch=-500" Pitc	a a				87/01/0				
Pack	*Ö"		:57	s Peakc/s=105 Wavelength=2788A		Tot Cts=624 Exp #=47692	MaxkeV=212 Rast=180"x1"		7", Yaw=+57"
DOY=20 17:01:04 17:05:31 Peakc/s=66 Qual=00 Tot Cts=2707 MaxkeV=67 17:01:04 17:05:31 Peakc/s=66 Qual=00 Tot Cts=28773 MaxkeV=67 17:44:01 17:49:36 Peakc/s=816 Qual=00 Tot Cts=28773 MaxkeV=244 Flags=EM,SA,AX 17:44:01 17:49:36 Peakc/s=816 Qual=00 Tot Cts=28773 MaxkeV=244 Flags=EM,SA,AX 17:44:01 17:49:36 Peakc/s=816 Qual=00 Tot Cts=28773 MaxkeV=544 Flags=EM,SA,AX 14:13:47 14:25:06 Peakc/s=84 Qual=02 Tot Cts=10665 MaxkeV=153 Flags=I.SN 14:13:47 14:25:06 Peakc/s=55 Qual=02 Tot Cts=10865 MaxkeV=153 Flags=I.SN 14:13:47 14:25:06 Peakc/s=55 Qual=02 Tot Cts=188 MaxkeV=180"x1" Step=0" Pitch=+509" 100Y=33 End times 14:13:47 14:25:06 Peakc/s=67 Qual=01 Tot Cts=188 MaxkeV=381 Flags=NS,GB 14:13:47 14:25:06 Peakc/s=188 MaxkeV=381 Flags=NI,NS 14:13:47 14:25:06 Peakc/s=1886 Qual=01 Tot Cts=188 MaxkeV=380 Flags=NI,NS 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=31 End times 100Y=31 End times 100Y=32 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=33 End times 100Y=34 End times 100Y=34 End times 100Y=35 End times 100Y=36 End times 100Y=36 End times 100Y=36 End times 100Y=36 End times 100Y=36 End times 100Y=36 End times 100Y=36 End times 100Y=37 End times 100Y=38 End tim					87/01/2				
007=20 Peak	Event # = 8 87/01/20,17 Star GOES HXRBS* 16:5	7 38		Peak.	Qua]=00 Qua]=01	Tot	MaxkeV=67		
Mavelength=2788A Exp #=47977 Rast=180"x1" Step=o" Pitch=-7", y 87/01/26 D0Y=26 Bar #=47977 Rast=180"x1" Step=o" Pitch=-7", y 87/01/26 D0Y=26 HaClass=SF S25W65 AR4765 Mac.=BX0 Carr.Lon.=124deg 14:23 14:51 Importance=B4 Qual=03 Tot Cts=10665 Maxkev=153 Flags=I.SN Wavelength=2788A End times 87/02/02 D0Y=33 SMM Pointing: S38E08 Pitch=+516", Yaw=+102", Roll=0deg Pitch=+509" 90Y=33 Rast=180"x1" Step=o" Pitch=+509" 90Y=33 Raxkev=381 Flags=NS.GB Pitch=+515", Yaw=+27", Roll=0deg Pitch=+509" Pitch=+515", Yaw=+27", Roll=0deg Pitch=+509" Pitch=+515", Yaw=+27", Roll=0deg Pitch=+508" Pitch=+515", Yaw=+27", Roll=0deg Pitch=+508" Pointing: S38E02 PeakC/s=1816 Qual=01 Tot Cts=1953 Maxkev=310 Flags=M1, NS Pointing: Rast=180"x1" Step=o" Pitch=+508"	Event # = 8 87/01/20,17 Star GOES HXRBS* 17:4,		1 2	ł		Tot Cts=28773	MaxkeV=244	Flags=EN.SA.AX	
97/01/26 D0Y=26 Peak End times BarClass=SF S25W65 AR4765 Mac.=BX0 Carr.Lon.=124deg 14:13:47 14:25:06 Peakc/s=55 Qual=03 Tot Cts=10665 MaxkeV=153 Flags=I,SN 14:13:47 14:25:06 Peakc/s=55 Qual=02 Tot Cts=10665 MaxkeV=153 Flags=I,SN 14:13:47 14:25:06 Peakc/s=65 Qual=02 Tot Cts=188 Pritch=+516", Yaw=+102", Roll=Odeg 16:53:49 02:53:59 Peakc/s=67 Qual=01 Tot Cts=188 MaxkeV=381 Flags=NS, GB 100*=33 SMM Pointing: S38E02 Pritch=+516", Yaw=+27", Roll=Odeg Pritch=+516", Yaw=+27", Roll=Odeg 100*=33 SMM Pointing: S38E02 Pritch=+515", Yaw=+27", Roll=Odeg Pritch=+50" 100*=34 Exp #=48276 Pritch=+515", Yaw=+27", Roll=Odeg Pritch=+509" 100*=34 Exp #=48291 RaxkeV=310 Pritch=+509"	UVSP 18:1	-		Wavelength=2788A	•	Exp	Rast=180"x1"	Step=0" Pitch=-7	"', Yaw=+57"
Peak End times HaClass=SF S25W65 AR4765 Mac.=BX0 Carr.Lon.=124deg Qual=03 Tot Cts=10665 Maxkev=153 Flags=I,SN Wavelength=2788A End times Hatizes Ha		0			87/01/2t				
This is a continuation This is a continuat	Event # = 8 87/01/26,14 Star Optical GOES 13.44		10		\$25W65	AR4765	Mac.=BXO	Carr.Lon.=124deg	H.Ang=65deg
00Y=33 SMM Pointing: S38E08 Pitch=+516", Yaw=+102", Roll=Odeg Peakc/s=67 Qual=01 Tot Cts=188 MaxkeV=381 Flags=NS,GB Rast=180"x1" Step=0" Pitch=+509" Pitch=+509" Sissensing Sign Pointing: S38E02 Pitch=+515", Yaw=+27", Roll=Odeg Peak Scriptore Rast=180"x1" Step=0" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+508" Pitch=+509" Pitch=+508" Pitc	HXRBS 13:50 UVSP 15:0	14:13	47		Qual=02	Tot Cts=10665 Exp #=48120	MaxkeV=153 Rast=180"x1"	S	", Yaw=+57"
Pitch=+516", Yaw=+102", Roll=Odeg eak 22:53:49 02:53:59 Peakc/s=67 Qual=01 Tot Cts=188 Rast=180"x1" Step=0" Pitch=+509" Potch=+516", Yaw=+102", Roll=Odeg Rast=180"x1" Step=0" Pitch=+509" Pitch=+515", Yaw=+27", Roll=Odeg Pitch=+515", Yaw=+27", Roll=Odeg Pitch=+515", Yaw=+27", Roll=Odeg Pitch=+515", Yaw=+27", Roll=Odeg Pitch=+518", Yaw=+27", Roll=Odeg Pitch=+508" Pitch=+509" Pitch=+516", Yaw=+102", Roll=Odeg Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+509" Pitch=+508" Pitch=+508" Pitch=+508" Pitch=+508"	1 - # + 4000	37E0			87/02/02				
DOY=33 SMM Pointing: S38E02 Exp #=48276 Rast=180"x1" Step=0" Pitch=+509" Pitch=+509" Step=0" Sitch=+509" Pitch=+515", Yaw=+27", Roll=0deg Pitch=+515", Yaw=+27", Roll=0deg Pitch=+515", Yaw=+27", Roll=0deg Pitch=+515", Yaw=+27", Roll=0deg Pitch=+515", Yaw=+27", Roll=0deg Pitch=+508" End times Wavelength=2788A Exp #=48291 Rast=180"x1" Step=0" Pitch=+508"	87/02/02,02 Stari	Õ,		SMM	S38E08		Pitch=+516", Yaw	v=+102",Roll=0deg	H.Ang=33deg
# = 8334 02,12:41 DOY=33 SMM Pointing: S38E02 Pitch=+515",Yaw=+27",Roll=Odeg Start Peak End times 12:41:15 12:41:17 12:41:26 Peakc/s=1816 Qual=01 Tot Cts=1953 MaxkeV=310 Flags=M1,NS 12:35 Wavelength=2788A Exp #=48291 Rast=180"x1" Step=0" Pitch=+508"	HXRBS 02:5; UVSP 03:09)2:53	49		Qual=01	Tot Cts=188 Exp #=48276	MaxkeV=381 Rast=180"x1"	Flags=NS,GB Step=O" Pitch=+5	.09", Yaw=+149"
12:41:15 12:41:17 12:41:26 Peakc/s=1816 Qual=01 Tot Cts=1953 MaxkeV=310 12:41:35 Wavelength=2788A Exp #=48291 Rast=180"x1"	Event # = 8. 87/02/02,12	334 :41 DOY=3:	3 Fod +imag	SMM	S38E02			/=+27", Roll=0deg	H.Ang=32deg
	HXRBS 12:4 UVSP 12:3	1:15 12:41	:17 12:41:26		Qual=01	Tot Cts=1953 Exp #=48291	MaxkeV=310 Rast=180"x1"	Flags=Ml,NS Step≖O" Pitch=+50	08", Yaw=+85"

				87/02/22	D0Y=53			
Event # = 8349 87/02/22,18:21 Start	19 21 DOY=53 Peak	Fnd +imes	SMM Pointing:	S27E41		Pitch=+353", Yaw	, Yaw=+571", Roll=Odeg	H.Ang=44deg
GOES HXRBS* 18:19:45 UVSP 18:03			Peakc/s=105 Wavelength=2788A	Qual=00 Qual=01 Tot Exp	Tot Cts=1177 Exp #=48841	MaxkeV=41 Rast=180"x1"	Step=0" Pitch=+347	Pitch=+347",Yaw=+629"
				87/03/02	D0Y=61			
Event # = 8353 87/03/02,12:24	3 24 DOY=61 0.34	10 G	SMM Pointing:	N37E09		Pitch=-115",Yaw	Pitch=-115", Yaw=-672", Roll=-90deg	H.Ang=45deg
31477 HXRBS 12:24:33 UVSP 12:24		3 12:25:08	Peakc/s=71 Wavelength=2788A	Qual=01 Tot Exp	Cts=259 #=49038	MaxkeV=571 Rast=180"x1"	Flags=NS Step=0" Pitch=-115"	",Yaw=-615"
Event # = 8352 87/03/02,16:22	22 D0Y=61	ישפיי + ליכו	SMM Pointing:	N37E07		Pitch=-88", Yaw=	, Yaw=-673", Roll=-90deg	H.Ang=44deg
GOES HXRBS 16:21:59 UVSP 16:08		16:2	Peakc/s=81 Wavelength=2788A	Qual=00 Qual=01 Tot Exp	. Cts=181 . #=49042	MaxkeV=68 Rast=3"x3"	Step=0" Pitch=-96	Pitch=-96",Yaw=-659"
				87/03/04	D0Y=63			
Event # = 8354 87/03/04,13:54	!	1	SMM Pointing:	N43W15	l	Pitch=+186", Yaw	, Yaw=-741", Roll=-90deg	H.Ang=52deg
HXRBS 13:53: UVSP 13:43	15 13:54:1	3 13:55:06	Peakc/s=71 Wavelength=2788A	Qual=01 Tot Exp	. Cts=785 #=49115	MaxkeV=571 Rast=180"x1"	Flags=NS Step=0" Pitch=+187	Pitch=+187", Yaw=-683"
				87/03/06	D0Y=65			
Event # = 8355 87/03/06,12:15			SMM Pointing:	N27E66	I	Pitch=-788", Yaw	Pitch=-788", Yaw=-486", Roll=-90deg	H.Ang=73deg
GOES 12:10 HXRBS 12:17: UVSP 12:09	12:15 10:12:17:1	212:20 8 12:19:15	Importance=A4 Peakc/s=177 Wavelength=1375A	Qual=01 Qual=01 Tot Code=00 Exp	: Cts=4160 #=49165	MaxkeV=571 Rast=265"x265"	Flags=NS Step=5" Pitch=-79	Pitch=-795",Yaw=-427"
				87/03/11	D0Y=70			
Event # = 83. 87/03/11,23:	14 DOY=70	- +	SMM Pointing:	S07W00		Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0deg	H.Ang=Odeg
Start HXRBS 23:44:21 2 UVSP 23:16	:21 23:44:39	9 23:47:13	Peakc/s=206 Wavelength=2788A	Qual=01 Tot Exp	. Cts=4231 #=49304	MaxkeV=459 Rast=180"x1"	Flags=I,NS,GB Step=0" Pitch=-7",	, Yaw=+57"
				87/03/13	D0Y=72			
Event # = 8398 87/03/13,13:42	98 42 DOY=72 0034		SMM Pointing:	S07W00		Pitch=-6",Yaw=+2",Roll=23deg	2",Roll=23deg	H.Ang=Odeg
GOES HXRBS 13:33:			Peakc/s=58	Qual=00 Qual=01 Tot	: Cts=3966	MaxkeV=96	Flags=I	
								Approximately the second control of the seco

				87/03/16	6 DOY=75			
Event # = 8357 87/03/16,12:40			SMM Pointing:	S07W00		Pitch=+0", Yaw=+0", Roll=Odeg	+0", Roll=Odeq	H.Ana=0dea
GOES 12:34 HXRBS 12:33:12	reak 12:40 12:12:34:12	End times 13:06 : 12:35:42	Importance=A1 Peakc/s=78	Qual=02 Qual=01	Tot Cts=2041	MaxkeV=154	F]ags=AX	,
Even+ # - 0260				87/03/30	30 DOY=89			
87/03/30,21:54 Start	DOY=89 Peak	-	SMM Pointing:	N09E15		Pitch=-246",Ya	, Yaw=-249", Roll=-90deg	H.Ang=21deg
HXRBS 21:54:4 UVSP 22:15	0 21:54:50	21:55:02	Peakc/s=67 Wavelength=2788A	Qual=01	Tot Cts=266 Exp #=49907	MaxkeV=313 Rast=180"x1"	Flags=AX,NS Step=0" Pitch=-244",	244", Yaw=-192"
Event # = 8361 87/03/30,22:01	D0Y=89	tout + bad	SMM Pointing:	N09E15		Pitch=-246", Ya	, Yaw=-249", Roll=-90deg	H.Ang=21deg
HXRBS 22:01:20 UVSP 22:15		22:01:33	Peakc/s=80 Wavelength=2788A	Qual=01	Tot Cts=175 Exp #=49907	MaxkeV=573 Rast=180"x1"	Flags=AX,NS Step=0" Pitch=-244",Yaw=-192"	244", Yaw=-192"
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				87/04/02	2 D0Y=92			
Event # = 8362 87/04/02,20:40 Start		End +impo	SMM Pointing:	N08W29	'	Pitch=+467", Ya	, Yaw=-223", Roll=-90deg	H.Ang=33deg
GOES 20:30 HXRBS 20:30:38 UVSP 20:57	20:40 3 20:31:09	20:50 20:31:13	Importance=A4 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=293 Exp #=49976	MaxkeV=573 Rast=180"x1"	Flags=AX,NS Step=0" Pitch=+468",Yaw=-165"	168", Yaw=-165"
				87/04/05	5 D0Y=95			
Event # = 8363 87/04/05,19:38 Start	00Y=95 Deat	+ to 0	SMM Pointing:	S22E46	1	Pitch=+290",Yaw	Pitch=+290", Yaw=+646", Roll=Odeg	H. Ang=47deg
19:10	19	na times 9:54		\$29E94			Carr.Lon.=133deg	H.Ang=90deg
HXRBS 19:33:40 BCS 19:34 FCS	19:36:36	19:38:04 19:42	Peakc/s=817 CaPeak.c/s=239	Qual=01 Qual= 1	Tot Cts=24486 FePeak=19:36	MaxkeV=184 FePeak.c/s=61	-	XEN=709500
UVSP 19:38 Radio Sweeps Radio Frequen	19:38 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	Wavelength=2788A Code=02 III/1 V/1 245/60 410/45 606/75	88A Code=02 606/75	Exp #=50049	Kast=U"xO" Rast=18O"x1"	Step=0" Cad=.26s 0 Step=0" Pitch=+283",	0.256s/pixel 83",Yaw≃+866"
Event # = 8365				87/04/06	96=400 s			
87/04/06,04:35 Start	DOY=96 Peak	End times	SMM Pointing:	S30E89		Pitch=+477", Yaw	, Yaw=+831", Roll≖Odeg	H.Ang=86deg
Optical GOES 04:20	04:35			\$28E86	AR4787	Mac.=AXX	Carr.Lon.=136deg	H.Ang=84deg
HXRBS 04:28:05 BCS 04:29 FCS	04:30:06 04:33	04:34:57 04:42	Peakc/s=294 CaPeak.c/s=567	Qual=01 Qual= 1	Tot Cts=20746 FePeak=04:32	MaxkeV=184 FePeak.c/s=166		XEN=709600
\sim	5:04 Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=2788A 11/2 245/38 410/27 606/31	/31	Exp #=50062	kast=U.xU" Rast=180"x1"	Step=0" Cad=.26s 0 Step=0" Pitch=+470",	0.256s/pixel 70",Yaw=+1056"

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Event # = 21289 87/04/06,11:13 Start GOES BCS 11:09 FCS 11:20	= 21289 6,11:13 Start 11:09 11:20	DOY=96 Peak 11:13	End times 11:20	CaPeak.c/s=43 Wavelength=2788A	Qual=06 Qual= 1	FePeak=11:12 Exp #=50066	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s) Cad=.26s (Pitch=+470",	XEN=709601 0.256s/pixel ", Yaw=+1056"
Event # = 8364 87/04/06,18:41 Di Start HXRBS 18:40:58 I UVSP 18:35	= 8364 5,18:41 Start 8:40:58	DOY=96 Peak 18:41:30	End times 18:42:53	Peakc/s=70 Wavelength=1375A	Qual=01	Tot Cts=606 Exp #=50083	MaxkeV=96 Rast=30"x30"	Flags=AX,NS Step=0" P	NS Pitch=+497",Yaw=+817"	, Үам=+817"
Event # = 21290 87/04/06,23:03 87 Start GOES 23:01 FCS 23:03	= 21290 6,23:03 Start 23:01 23:03	D0Y=96 Peak 23:03 23:03	End times 23:10	CaPeak.c/s=34 Peak3c/s=42 Wavelength=1375A	Qua]=06 Qua]= 4	FePeak=23:02 Exp #=50104	FePeak.c/s=18 Rast=0"x0" Rast=280"x280"	#Peaks=1 Step=0" Step=10"	dt= 7.7s Cad=3840s Pitch=+472"	XEN=709602 3840s/pixel ,Yaw=+882"
					87/04/07	7 D0Y=97				
Event # 87/04/0	Event # = 21291 87/04/07,18:50	D0Y=97		SMM Pointing:	S30E58		Pitch=+433",Yaw	, Yaw=+705", Roll=0deg]=0deg	H.Ang=60deg
Optical GOES	Start 18:34	Peak 18:50	nd times 9:07	HaClass=1N Importance=Cl	S35E66 Qual=02	AR4787	Mac.=CAO	Carr.Lon.=135deg	,	H.Ang=67deg
SSS SS SSS SSS SSS SSS SSS SSS SSS SSS	18:44 18:36	18:48 18:48		Cabeak.c/s=43 Peak3c/s=20 Wavelength=1375A		FePeak=18:46 Exp #=50175	FePeak.c/s=10 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=.26s Pitch=+492"	xEN=/09/00 0.256s/pixel ",Yaw=+725"
					87/04/08	8 D0Y=98				
Event # = 8366 87/04/08,01:43	= 8366 8,01:43	DOY=98	Cod + impe	SMM Pointing:	S30E54		Pitch=+427",Yaw	, Yaw=+675", Rol	Roll=Odeg	H.Ang=56deg
GOES HXRBS UVSP	Start 01:43:04 01:45		01:4	Peakc/s=140 Wavelength=1375A	Qual=06 Qual=02	Tot Cts=11297 Exp #=50208	MaxkeV=184 Rast=280"x280"	Flags=SA, Step=10"	Flags=SA,AX Step=10" Pitch=+422",Yaw=+720"	', Yaw=+720"
Event # 87/04/0	= 12760 8, 10:17	D0Y=98	1	SMM Pointing:	S30E49		Pitch=+422", Yaw	, Yaw=+631", Rol	,Roll=Odeg	H.Ang=52deg
HXRBS UVSP	Start HXRBS 10:17:16 1 UVSP 09:55	reak 10:17:17	, 10:17:28	Peakc/s=73 Wavelength=2788A	Qual=01	Tot Cts=117 Exp #=50241	MaxkeV=154 Rast=243"x243"	Flags=NS,GB Step=3"Pi	GB Pitch=+415"	', Yaw=+683"
Event # 87/04/0	Event # = 21292 87/04/08,21:23			SMM Pointing:	\$27E08	And the second s	Pitch=+339", Yaw	, Yaw=+118", Rol	, Roll=Odeg	H.Ang=22deg
Optical GOES BCS FCS	Start 	Peak 21:23 21:22 21:25	End times 21:30 21:31	Ca Ha		AR4786 FePeak=21:21	Mac.=DKI FePeak.c/s=20 Rast=0"x0"	Carr.Lon.=176deg #Peaks=1 dt= 3. Step=0" Cad=.2	8s 6s	H.Ang=19deg XEN=709800 0.256s/pixel
UVSP Radio S	21:18 Sweeps	Type/1	Type/Intensity:	Wavelength=1375A III/1	Code=00	Exp #=50279	Rast=30"x30"	Step=0"	Pitch=+2/0"	, Yaw=+108

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מוכי	Peak	End times	SMM Pointing:	S27E06		Pitch=+338",Yaw=+94",	w=+94", Ro11=0deg	0deg	H.Ang=21deg
23:4			HaClass=SN	S31E52	AR4787	Mac.=DAO	Carr.Lon.=133deg	133deg	H.Ang=55deg
HXRBS 23:53:29 UVSP 23:45	23:53:4	1 23:53:54	Peakc/s=66 Wavelength=1375A	Qual=01 Code=00	Tot Cts=112 Exp #=50289	MaxkeV=68 Rast=30"x30"	Step=0"	Pitch=+270",Yaw=+78"	", Yaw=+78"
0,000				87/04/09	99 DOY=99				
Event # = 8358 87/04/09,06:47 Start	D0Y=99 Peak	Fnd times	SMM Pointing:	S27E03		Pitch=+339", Ya	,Yaw=+41",Roll=0deg	0deg	H.Ang=21deg
ptical OFS 06:12		06.54	HaClass=1N	S06E62	AR4789	Mac.=CSO	Carr.Lon.=119deg	119deg	H.Ang=62deg
HXRBS 06:36:30 UVSP 06:37 Radio Frequenc	6:36:30 06:38:09 06:39:1 6:37 Frequency(MHz)/Flux(sfu)		Peakc/s=110 Wavelength=1375A 2695/22	_	Tot Cts=4171 Exp #=50325	MaxkeV=96 Rast=30"x30"	Step=0"	Pitch=+279",Yaw=+13"	", Yaw=+13"
				87/04/10	0 DOY=100				
Event # = 8370 87/04/10,09:21 Start	DOY=100	- Pal	SMM Pointing:	S37E39		Pitch=+515", Ya	, Yaw=+482", Roll=0deg	=0deg	H.Ang=47deg
otical DFS 09:10		. III	HaClass=SN	\$32E32	AR4787	Mac.=EA0	Carr.Lon.=135deg	135deg	H.Ang=40deg
HXRBS 09:17:09 UVSP 08:58	9 09:17:46	09:18:15	Peakc/s=60 Wavelength=1375A		Tot Cts=352 Exp #=50424	MaxkeV=68 Rast=265"x265"	Step=5"	Pitch=+508′	Pitch=+508",Yaw=+520"
Event # = 8371 87/04/10,16:42 Start	DOY=100	Fnd + imag	SMM Pointing:	S33E30		Pitch=+447", Ya	, Yaw=+404", Roll=0deg	=0deg	H.Ang=39deg
tical ES 16:28		<u> </u>	HaClass=SB Importance=R8	\$32E31	AR4787	Mac.=EA0	Carr.Lon.=131deg	131deg	H.Ang=39deg
HXRBS 16:37:47 UVSP 16:35	7 16:37:52	16:38:10	Peakc/s=77 Wavelength=1375A	Qual=01 Code=00	Tot Cts=348 Exp #=50439	MaxkeV=68 Rast=30"x30"	Step=0" F	Pitch=+427"	', Yaw=+389"
Event # = 8372 87/04/10,18:25 Start	D0Y=100	End times	SMM Pointing:	S33E29		Pitch=+444", Yav	', Yaw=+393", Roll=Odeg	-Odeg	H.Ang=38deg
tical ES 18:10		3	HaClass=SB	\$23W17	AR4786	Mac.=EHO	Carr.Lon.=179deg	.79deg	H.Ang=24deg
HXRBS 18:15:38 UVSP 18:24	3 18:16:47	18:25:03	Peakc/s=102 Wavelength=1375A		Tot Cts=5244 Exp #=50449	MaxkeV=96 Rast=30"x30"	Step=0" P	oitch=+436"	Pitch=+436",Yaw=+368"
<pre>vent # = 8373 37/04/10,21:42 Start</pre>	D0Y=100 Peak	End times	SMM Pointing:	S33E28		Pitch=+445", Yav	, Yaw=+372", Roll=Odeg	.0deg	H.Ang=37deg
tical ES 21:10	. 2	21:54	Importance=89	\$24W16	AR4786	Mac.=EH0	Carr.Lon.=176deg	76deg	H.Ang≃24deg
HXRBS 21:39:21 UVSP 21:33	21:40:02	21:40:55	Peakc/s=59 Wavelength=1375A	Qual=01 Code=00	Tot Cts=355 Exp #=50465	MaxkeV=68 Rast=30"x30"	Step=0" P	Pitch=+435", Yaw=+357"	. Yaw=+357"

					87/04/11		D0Y=101				
Event # = 887/04/11,0	= 8415 ,04:18	DOY=101		SMM Pointing:	S33E24			Pitch=+443",Yaw=	,Yaw=+331",Roll=Odeg		H.Ang≕35deg
′′-	tart	Peak	ı tımes	HaClass=SN	\$25W20	AR.	AR4786	Mac.=DH0	Carr.Lon.=176deg		H.Ang=27deg
GOES HXRBS 04 UVSP 04	04:10 04:15:36 04:07	04:18 04:16:19	N	Importance=89 Peakc/s=228 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts Exp #=!	Cts=3294 #=50499	MaxkeV=154 Rast=30"x30"	Flags=I Step=O" Pi	Pitch=+403"	, Yaw=+474"
Radio Swe Radio	Sweeps Frequen	lype/Intensity uency(MHz)/Flux(sfu)		245/13 410/18 606	606/38 1415/43		2695/30 4995/40	8800/57 15400	97/1		
					87/04/12		D0Y=102				
Event # 3 87/04/12	= 8374 , 19:33	1		SMM Pointing:	S39E09			Pitch=+519",Yaw≖	, Yaw=+116", Roll=Odeg		H.Ang=34deg
Start GOES 19:27 HXRBS 19:35:46 UVSP 19:33	tart 9:27 9:35:46 9:33	Peak 19:33 19:35:50	End times 19:42 19:36:16	Importance=B2 Peakc/s=67 Wavelength=1375A	Qual=01 Qual=01 Code=02	Tot Ct	Cts=209 #=50648	MaxkeV=215 Rast=280"x280"	Flags=NS Step=10" Pi	Pitch=+514",Yaw=+153	, Yaw=+153"
Event # = 8375 87/04/12,23:55	= 8375 ,23:55	1		SMM Pointing:	S38E02			Pitch=+517", Yaw=	, Yaw=+32", Roll=Odeg	leg	H.Ang=33deg
S Optical	tart	Peak	1 times	HaClass=SF	S34W04	AR	AR4787	Mac.=EAI	Carr.Lon.=136deg	36deg	H.Ang=28deg
GOES HXRBS 22 UVSP 22	3:25 3:53:40 3:49	23:55 23:53:50	00:12 23:54:05	Importance=82 Peakc/s=106 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Ct Exp #=	Cts=468 #=50669	MaxkeV=125 Rast=30"x30"	Step=0" Pi	Pitch≕+429"	, Yaw=-2"
					87/04/14		D0Y=104				
Event # 87/04/14	= 8376 ,14:51		1	SMM Pointing:	S35W23			Pitch=+476",Yaw∍	, Yaw=-301", Roll=0deg	geb	H.Ang≖36deg
Start HXRBS 14:51:01 UVSP 14:50	4:51:01 4:50	14:51:14	14:51:29	Peakc/s=51 Wavelength=1375A	Qual=01	Tot Ct Exp #=	Cts=173 #=50808	MaxkeV=574 Rast=30"x30"	Flags=NS Step=0" Pi	Pitch=+416"	, Yaw=-354"
Event # 87/04/14	= 8381 , 20:03	DOY=104		SMM Pointing:	S35W25			Pitch=+477",Yaw	, Yaw=-331", Roll=Odeg	Jdeg	H.Ang=37deg
HXRBS 22 UVSP 2	Start 20:03:09 20:01	Peak 20:03:09	End times 20:03:10	Peakc/s≃257 Wavelength=1375A	Qual=01	Tot Ct Exp #=	Cts=55 #=50836	MaxkeV=96 Rast=30"x30"	Flags=NS Step=0" Pi	Pitch=+438"	, Yaw=-327"
Event # 87/04/14	= 8382 , 20:03	1		SMM Pointing:	S35W25			Pitch=+477", Yaw:	, Yaw=-331", Roll=Odeg	Odeg	H.Ang=37deg
HXRBS 2 UVSP 2	Start 20:03:10 20:01	Peak 20:03:11	End times 20:03:11	Peakc/s=259 Wavelength=1375A	Qua1=01	Tot Ct Exp #=	Cts=51 #=50836	MaxkeV=68 Rast=30"x30"	Flags=NS Step=0" Pi	Pitch=+438"	, Yaw=-327"
					87/04/1	5 00	D0Y=105				
Event # = 8377 87/04/15,02:34	= 8377 ,02:34	DOY=105	1	SMM Pointing:	S35W28			Pitch=+479", Yaw	, Yaw=-372", Roll=0deg	0deg	H.Ang≈39deg
Optical	start	Peak	S	HaClass=SN	\$32W26	AF	AR4787	Mac.=EA0	Carr.Lon.=130deg	30deg	H.Ang=36deg
GUES HXRBS 0 JUVSP 0 Radio	72:31:16 72:31:16 72:32 Frequer	02:25 02:31 02:31:16 02:31:43 02:32:5: 02:32 Frequency(MHz)/Flux(sfu)		Importance-us Peakc/s=353 (Wavelength=1375A (4995/14 8800/61 19	Qual=01 Qual=01 A Code=00 15400/47	Tot Exp	Cts=8031 #=50870	MaxkeV=155 Rast=30"x30"	Step=0" Pi	itch=+440"	Pitch=+440",Yaw=-329"

H.Ang=40deg	H.Ang≖37deg	00501	1.024s/plxel ",Yaw=-329"	H.Ang=42deg	42deg	0501	1.024s/pixel ', Yaw=-473"	0502	1.024s/pixel ",Yaw=-476"	44deg	40deg	0503	1.024s/pixel ', Yaw=-510"	48deg	46deg	0504	/pixel 478"		50deg	553"
H.Ang	H.Ang			H.Ang	H.Ang=42deg	XEN=710501				H.Ang=44deg	H.Ang=40deg		_	H.Ang=48deg	H.Ang=46deg	XEN=71	0.256s/pixel 5",Yaw=-478"		H.Ang=50deg	", Yaw=-
, Roll=Odeg	.=129deg	dt= 7.7s			.=134deg	dt= 7.7s	Cad= 590s Pitch=+476"	dt= 7.7s	Cad=25.6s Pitch=+476"	, Roll=Odeg	=126deg	dt= 7.7s	Cad= 590s Pitch=+44(, Roll=Odeg	=135deg	dt= 3.8s	Cad=.26s Pitch=+485"]=0deg	Pitch=+452",Yaw=-553
, Yaw=-391", Ro	Carr.Lon.=129deg	#Peaks=1		, Yaw=-429", Roll=Odeg	Carr.Lon.=134deg	#Peaks=1		#Peaks=1	Step=5" Step=0"	, Yaw=-460", Rol	Carr.Lon.=126deg	#Peaks=1	Step=10" Step=0"	, Yaw=-521", Rol	Carr.Lon.=135deg	#Peaks=1	Step=0" Step=10"		v=-543", Rol	Flags=I Step=0"
Pitch=+480", Ya	Mac.=DAI	FePeak.c/s=8	Kast=240"x240" Rast=30"x30"	Pitch=+483", Ya	Mac.=EA0	MaxkeV=96 FePeak.c/s=20	Rast=240"x240" Rast=180"x1"	FePeak.c/s=9	Rast=25"x25" Rast=180"x1"	Pitch=+485", Ya	Mac.=DHI	FePeak.c/s=16	Rast=240"x240" Rast=30"x30"	Pitch=+488",Ya	Mac.=EAO	FePeak, c/s=11	kast=U"xU" Rast=280"x280"		Pitch=+494", Yaw=-543", Roll=Odeg	MaxkeV=68 Rast=30"x30"
	AR4790	FePeak=05:43	Exp #=50886		AR4787	Tot Cts=1308 FePeak=12:07	Exp #=50890	<pre>Event # = <1295 FePeak=12:48</pre>	Exp #=50891		AR4790	FePeak=18:00	Exp #=50912		AR4787	FePeak=20:40	Exp #=50925	D0Y=106		Tot Cts=350 Exp #=50948
S35W30	\$33W26	Qual= 1	Code=00	S35W33	\$32W35	Qual=01 Qual=1	7	Associated Qual= 5		S35W36	S34W30	Vual=01 Qual= 1	Code=00	S35W42	\$32W41	(ual = 4	Code=02	87/04/16	S35W44	Qual=02 Qual=01 Code=00
SMM Pointing:	HaClass=SF	CaPeak.c/s=20	Wavelength=1375A	SMM Pointing:	HaClass=1N Importance=C3	Peakc/s=123 CaPeak.c/s=99	Peak3c/s=44 Wavelength=2788A Code=01	CaPeak.c/s=67	Peak3c/s≖330 Wavelength≕2788A	SMM Pointing:	HaClass=SF	Capeak.c/s=25	Peak3c/s=154 Wavelength=1375A	SMM Pointing:	HaClass=1B	CaPeak.c/s=53	reaksc/s=204 Wavelength=1375A III/1		SMM Pointing:	Importance=B5 Peakc/s=59 Wavelength=1375A
Fnd +imes	.50 .50	05:45		Fnd +imes		11:50:39 12:11		13:46				18:03		Fnd times		20:49	.+3 Type/Intensity:			00:42:38
D0Y=105	05:44	05:44	•	DOY=105	12:23	11:49:24		12:48	1C: 24	D0Y=105	17.50	17:58	10:8:01	D0Y=105		20:40	Type/In		9	00:45 00:42:19
# = 21293 /15,05:44 Start	a] 05:35	05:43	05:43	# = 8378 /15,12:23 Start	al 11:30	11:48:49 11:44	12:07	12:48	12:43	vent # = 21296 7/04/15,17:59	3tai t 17.48	17:57	17:48	# = 21297 /15,20:41 Start	20:28	20:39	20:41 weeps	4 - 0510	# = 8012 /16,00:45 Start	S 00:35 8S 00:41:54 00:33
Event # = 87/04/15,	Optic GOES	SS	UVSP	Event 87/04/	Optic GOES	HXRBS	UVSP	BCS	UVSP	Event 87/04/	Optical GOFS	38 38 38 38 38	UVSP	Event 87/04/	Optica GOES	BCS 7	UVSP Radio S	1000	87/04/	GOES HXRBS UVSP

01:32	Event $\# = 2$	80	106 106		SMM Pointing:	S35W44		Pitch=+494", Yaw=	, Yaw=-543", Roll=0deg	=0deg	H.Ang=50deg
01:391 01:200 Mave length-1375A Code=00	•	1224 1000	eak)1:50)1:46	ti 52	ortance=C2 eak.c/s=65 c3c/s=181	Qual=01 Qual= 1		FePeak.c/s=14 Rast=0"x0"		dt= 3.8s Cad=.26s	XEN=710600 0.256s/pixel
13.15 13.1	_	39 eduenc)	/(MHz)/F	Œ	Wavelength=1375A 245/54	Code=00	#=50952	Rast=30"x30"		Pitch=+443"	, Yaw=-538"
Start Peak	ent # /04/16	6/2			Pointing	S35W50		Pitch=+498", Yaw	=-597", Rol	l=0deg	H.Ang=54deg
13:14:20 13:14:58 13:16:38 Packer-self, and a packer-self, and	ک آغ		Peak	times	HaClass=SN	\$32W43	AR4790	Mac.=DAI	Carr.Lon.	=128deg	H.Ang=48deg
14.10 14.49 15.06 14.49 14.51 14.48 14.51 14.48 14.51 14.48 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.59 14.51 14.49 14.51 14.49 14.51 14.49 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.59 14.51 14.5		:20	3:14:5 3:14:5	13:25 13:16:36	Importance=ti Peakc/s=95 Wavelength=1375A	Qual=03 Qual=01 Code=00		MaxkeV=96 Rast=30"x30"	Step=0"	Pitch=+458"	', Yaw=-624"
14:48 14:49 15:06	Event # = ; 87/04/16, 1	21299 4:49	00Y=106	-	SMM Pointing	S35W51		Pitch=+499", Yaw	=-607", Rol	1=0deg	H.Ang=55deg
14:10	Sta Optical Optical	£	Feak			S32W47 N27E11	AR4787 AR4791	Mac.=CA0	Carr. Lon.		H.Ang=51deg H.Ang=34deg
# 8380 16,16.16 boy=106	14: 14: 14:	റെ ഒ	444	24	Importance=B8 CaPeak.c/s=20 Peak3c/s=15 Wavelength=1375A		:ak=14:48 #=51006	FePeak.c/s=8 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	_	XEN=710601 1.024s/pixel ", Yaw=-631"
Start Peak End times End times	ent # /04/16	8380 6:16	D0Y=106		₹	S35W51		Pitch=+499", Yaw	=-607", Rol]=0deg	H.Ang=55deg
15:58	``=	ť	Peak	End time	HaClass=1B	S32W43	AR4790	Mac.=DAI	Carr.Lon.	=127deg	H.Ang=48deg
1,16,16,16,16 1,16		50 58:49 15 equenc	:16 :08: MHz)	16:30 16:27:1 ux(sfu)	ှ ကို	Qual=01 Qual=01 Code=00 995/110	Tot Cts=58527 Exp #=51014 8800/72 15400/36	MaxkeV=125 Rast=30"x30"	Step=0"	Pitch=+460'	", Yaw=-588"
Start Peak End times Start Peak	vent # 7/04/16		D0Y=106			S35W51			=-607", Rol	1=0deg	H.Ang=55deg
16:35 16:58 18:40 Importance=L8	کات		Peak	E :	HaClass=SN	S34W45	AR4790	Mac.=DAI	Carr.Lon.	=128deg	H.Ang=50deg
17:05 Type/Intensity: V/1 V/1 V/1 V/1 V/1 V/1 V/1 V/1 V/1 V/1		82	6:5 7:1	$\infty \infty$	Importance=U8 CaPeak.c/s=336 Deak? c/s=135	Qual=05 Qual= 4	FePeak=17:05	FePeak.c/s=31 Rast=25"x25"	#Peaks=1 Step=5"		XEN=710602 1.024s/pixel
Frequency (MHz)/Flux(sfu): 245/470 410/40 1415/21 2695/14 4995/15 ## = 21301	_	05	17.61 Tvpe/]	it.	Wavelength=1375A V/1	Code=02	Exp #=51015	Rast=280"x280"	Step=10"	. ~	", Yaw=-576"
# = 21301 \$7/04/17 D0Y=107 \$1/17,01:36 D0Y=107 Start Peak End times AuClass=SF S33W50 01:10 01:36 01:43 Importance=B8 Qual=01 01:34 01:35 01:41 CaPeak.c/s=35 Qual= 1 FePeak=01:35 Peaks=1 dt= 7.7s 01:48 01:37 Wavelength=2788A Exp #=51056 Rast=180"x1" Step=0" Pitch=+499"		edneuc	y (MHZ)/I	Ē	245/470 410/40 1	415/21 26	95/14 4995/15				
Start Peak End times 1.28deg 1.21	15 Q		🖫	1 1	_	87/04/1 S35W55	7	Pitch=+504", Yaw	=-645", Rol	1=0deg	H.Ang=59deg
01:10 01:36 01:43 Importance=B6 Qual=1 FePeak=01:35 FePeak.c/s=12 #Peaks=1 dt= 7.7s 01:34 01:35 01:41 CaPeak.c/s=35 Qual=1 FePeak=01:35 Rast=240"x240" Step=10" Cad= 590s 01:37 Peak3c/s=18 Exp #=51056 Rast=180"x1" Step=0" Pitch=+499'	Sta Optical		Peak	d ti	HaClass=SF	S33W50	AR4790	Mac.=DAI	Carr.Lon.	=128deg	H.Ang=54deg
	5 55	34 48		44	Importance=b8 CaPeak.c/s=35 Peak3c/s=18 Wavelength=2788A		FePeak=01:35 Exp #=51056	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"		dt= 7.7s Cad= 590s Pitch=+499	XEN=710700 1.024s/pixel ",Yaw=-438"

Event # 87/04/17	= 8454 7,23:50	DOY=107	-	SMM Pointing:	S35W66		Pitch=+517", Yaw	, Yaw=-718", Roll	, Roll=Odeg	H.Ang=68deg
୍ଟ ପ୍	Start	reak X	z times	.Class=1N	S32W55 S33W61	AR4790 AR4787	Mac.=DAI	Carr.Lon.=121deg Carr.Lon.=127deg		H.Ang=58deg H.Ang=63deg
GOES HXRBS BCS FCS UVSP Radio S	23:34 23:40:57 23:36 23:42 Sweeps	23:47:41 23:49 23:48 23:52 23:47 Type/Intens	9:35 0 ity:	Importance=C5 Peakc/s=56 CaPeak.c/s=245 Peak3c/s=213 Wavelength=1375A (V/1	Qual=03 Qual=01 Qual= 3 Code=00	Tot Cts=3443 FePeak=23:48 Exp #=51148	MaxkeV=68 FePeak.c/s=44 Rast=0"x0" Rast=30"x30"	Flags=I #Peaks=1 Step=0" Step=0"	dt= 7.7s) Cad=1.02s ; Pitch=+489"	XEN=710706 1.024s/pixel ", Yaw=-699"
					87/04/18	8 D0Y=108				
Event # 87/04/1	Event # = 8456 87/04/18,14:00	00Y=108	ישוי+ לעם	SMM Pointing:	S35W75		Pitch=+528",Yaw	,Yaw=-756",Roll	, Roll=Odeg	H.Ang=74deg
Optical	3tart	14.00		HaClass=SB	S32W70	AR4790	Mac.=DHI	Carr.Lon.=128deg	=128deg	H.Ang=70deg
GOES HXRBS UVSP Radio	13:52 13:55:04 13:57 Frequen	14:00 13:55:56 cy(MHz)/F	13:52 14:00 14:20 13:55:04 13:55:56 13:59:18 13:57 Frequency(MHz)/Flux(sfu):	Importance=L3 Peakc/s=59 Wavelength=2788A 4995/14 15400/35	Qual=02 Qual=01 Code=00	Tot Cts=1557 Exp #=51194	MaxkeV=68 Rast=180"x1"	Flags=I Step=O"	Pitch=+521",Yaw=-541"	, Үаw=-541"
Event # 87/04/18	= 8458 8,14:54	D0Y=108		SMM Pointing:	S35W75		Pitch=+528", Yaw	, Yaw=-756", Roll=0deg	1=0deg	H.Ang=74deg
HXRBS UVSP	start 14:52:5 14:54	reak 14:54:	End times 14:55:58	Peakc/s=68 Wavelength=1375	Qual=01	Tot Cts=1595 Exp #=51197	MaxkeV=68 Rast=280"x280"	Flags=I Step=10"	Pitch=+524"	, Yaw=-717"
Optical	1 9	1 6	i f f (HaClass=SN	S30W75	479€	Mac.=DHI	Carr.Lon.=133deg	=133deg	H.Ang=74deg
GOES HXRBS BCS FCS	444	14:59 14:44:01 14:45 14:59	15:12 14:44:14 15:16	Importance=L3 Peakc/s=57 CaPeak.c/s=129 Usek3c/s=31	Qual=04 Qual=01 Qual= 1	Tot Cts=208 FePeak=14:59	MaxkeV=68 FePeak.c/s=20 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 7.7s Cad=3840s Di+ch=+450"	XEN=710800 3840s/pixel
UVSP Radio S	14:55 Sweeps	_	ype/Intensity:	Wavelengtn=13/5A V/1	node=00	EXP #≕31198	Kast=30"X30"	onedance.	F1 CCH=+439	, I dW=-0U2
Event # 87/04/1	Event # = 8459 87/04/18,15:22	DOY=108	End times	SMM Pointing:	S35W75		Pitch=+528", Yaw	, Yaw=-756", Roll=Odeg	1=0deg	H.Ang=74deg
Optical	3 3 5 -			HaClass=SF	\$32W68	AR4790	Mac.=DHI	Carr.Lon.=126deg	=126deg	H.Ang=69deg
HXRBS UVSP Radio	15:21:52 15:22 Frequen	5:21:52 15:22:48 15:23:19 5:22 Frequency(MHz)/Flux(sfu)	o	Peakc/s=60 Wavelength=1375A 1415/33	Qual=01	Tot Cts=720 Exp #=51201	MaxkeV=68 Rast=280"x280"	Flags=I Step=10"	Pitch=+525",Yaw=-717"	, Үам=-717"
Event # 87/04/1	f = 8460 18, 15:26 Start	DOY=108	Fnd + imes	SMM Pointing:	S35W75		Pitch=+528", Yaw	', Yaw=-756", Roll=Odeg	1=0deg	H.Ang=74deg
GOES HXRBS UVSP	15:25:57 15:23		15:2	Peakc/s=57 Wavelength=1375A	Qua1=00 Qua1=01	Tot Cts=160 Exp #=51202	MaxkeV=68 Rast=30"x30"	Flags=I Step=0"	Pitch=+480", Yaw=-793"	', Үам=-793"

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H.Ang=74deg	H.Ang=75deg	XEN=710801 0.5125/pixe1	", Yaw=-795"	H.Ang=77deg	XEN=710802	1.024s/p1xel ",Yaw=-792"	H.Ang=77deg	XEN=710803	i.024s/pixel ",Yaw=-792"		H.Ang≈86deg	Pitch=+541",Yaw=-740"		XEN=710900 1.024s/pixel	, Yaw=-814"		Pitch=+517",Yaw=-794"
, Roll=Odeg	=133deg	dt= 7.7s Cad= 51s	Ξ]=0deg	dt= 3.85		1=0deg	dt= 7.7s	Cad=25.bs Pitch=+483"]=0deg	Pitch=+541]=0deg	dt= 7.7s X Cad= 590s 1	Pitch=+487'	1=0deg	Pitch=+517'
, Yaw=-756", Rol	Carr.Lon.=133deg	Flags=I #Peaks=1 Sten=O"	Step=0"	w=-766", Rol	#Peaks=1	Step=0" Step=0"	w=-766", Rol	#Peaks=1	Step=5" Step=0"		w=-781", Rol	Step=10"	w=-812", Rol	#Peaks=1 Sten=10"	Step=0"	, Yaw=-812", Roll=Odeg	Step=0"
Pitch≃+528",Ya	Mac.=DHI	MaxkeV=68 FePeak.c/s=9 Rast=0"x0"	Rast=30"x30"	Pitch=+532", Yaw=-766", Roll=Odeg	MaxkeV=184 FePeak.c/s=17	Kast=0"xU" Rast=30"x30"	Pitch=+532", Yaw=-766", Roll=Odeg	FePeak.c/s=8	Kast=25"x25" Rast=30"x30"		Pitch=+548", Yaw=-781", Roll=Odeg	MaxkeV=125 Rast=280"x280"	Pitch=+547", Yaw=-812", Roll=Odeg	FePeak.c/s=11 Rast=240"x240"	Rast=30"x30"	Pitch=+547", Ya	MaxkeV=68 Rast=30"x30"
	AR4790	Tot Cts=103 FePeak=17:05	Exp #=51210		Tot Cts=2101 FePeak=21:32	Exp #=51232		FePeak=22:32	Exp #=51234	9 DOY=109		Tot Cts=6455 Exp #=51286		FePeak=20:42	Exp #=51315		Tot Cts=112 Exp #=51319
S35W75	\$33W76	Qual=02 Qual=01 Qual= 3	Code=01	S35W78	Qual=01 Qual=01 Qual= 1	Code=00	S35W78	Qual=05 Qual= 4	Code=01	87/04/19	S35W88	Qual=01 Qual=01 Code=02		Qua]=01 Qua]= 1	Code=00		Qual=00 Qual=01
SMM Pointing:	HaClass=SF	<pre>Importance=C1 Peakc/s=51 CaPeak.c/s=42 Peak3c/s=205</pre>	Wavelength=1375A	SMM Pointing:	Importance=C2 Peakc/s=168 CaPeak.c/s=62	Peak3c/s=44/ Wavelength=1375A III/1	SMM Pointing:	Importance=C3 CaPeak.c/s=25	Peak3c/s=19/ Wavelength=1375A (I/1		SMM Pointing:	Importance=C2 Peakc/s=128 (Wavelength=1375A (V/1	SMM Pointing:	Importance=C1 (CaPeak.c/s=36 (Peak3c/s=21	Wavelength=1375A V/1	SMM Pointing:	Peakc/s=57 Wavelength=1375A
, + tag	י רוווני	17:10 16:55:20 17:10		3	21:42 21:32:22 21:44	itensity:	tou:+	22:09 22:46	ity:		- Pag	ak :43 15:42 :41:15 14:44:25 Type/Intensity:		21:16 20:47	ity:	Fnd +impo	10:13
D0Y=108	17.10	17:19 17:08 16:57	ò	DOY=108	21:35 21:32:05 21:32	ZI:33 Type/Intens	DOY=108	22:54 22:32	ZZ:45 Type/Intens			Teak 14:43 14:41:15 Type/Ir	D0Y=109	20:44 20:42 20:41	Type/Intens	D0Y=109	21:10:07
# = 8461 '18,17:19	3tal t 11 16.20	16:55:06 16:55:06 16:56	16:58	# = 8384 '18,21:35	21:00 21:31:22 21:26	21:27 Sweeps	# = 21307 18,21:54	21:47 22:29	21:41 Sweeps		# = 8385 $19,14:43$	14:25 14:39:03 14:43 Sweeps	t # = 21308 4/19,20:44	20:30 20:40	20:31 Sweeps	; # = 8387 1/19,21:10 Start	21:09:59 21:01
Event # = 87/04/18	Optica	HXRBS BCS FCS	UVSP	Event 87/04/	GOES HXRBS BCS BCS	UVSP Radio	Event 87/04/	8CS BCS	UVSP Radio		Event 87/04/	GOES HXRBS UVSP Radio	Event 87/04/	GOES BCS FCS	_	Event 87/04/	GOES HXRBS UVSP

	w=-794"		e/	1 1 1 1 1	=711000	1.024s/pixel ',Yaw=-595"			w=-595"			H.Ang≖Odeg	H.Ang=58deg			H.Ang=60deg	=712200	1.0245/plxe1 ,Yaw=-618"
=0deg	Pitch=+517", Yaw=-794"		tch=+517"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Cad= 590s 1.0 Pitch=+540", Ya	į		Pitch=+540",Yaw=-595"	•							dt= 3.8s XEN	Pitch=-20", Yaw
v=-812", Rol	Step=0"		Step=0"	1 1 1		Step=10" Step=0"			Flags=NS Step=0"	-		-3", Roll=Odeg	Carr.Lon.=34deg			=-830", Roll=0deg	#Peaks=1	Step=0"
Pitch=+547", Yaw=-812", Roll=Odeg	Maxkev=96 Rast=30"x30"		eV= =30	 MaxkeV=68	FePeak.c/s=11	Rast=240"x240" Rast=180"x1"			MaxkeV=575 Rast=180"x1"			Pitch=+1", Yaw=-	Mac.=CRO	MaxkeV=155 15400/50		Pitch=-14", Yaw=-830"	FePeak.c/s=13	Rast=180"x1"
	lot Cts=232 Exp #=51323	-	Tot Cts=469 Exp #=51339	Event # = 8389 Tot Cts=79	FePeak=22:08	Exp #=51378	1 D0Y=111	AR4790	Tot Cts=2638 Exp #=51405	 	4 DOY=114		AR4798	Qual=01 Tot Cts=4620 2695/50 4995/15 8800/30 19	2 D0Y=122		FePeak=02:15	Exp #=51674
Qua]=01	Qual=01 Code=00 87/04/20		Qual=01 Qual=01 Code=00	Associated Qual=01	Qual=03 Qual= 1		87/04/21		Qual=01 Qual=01		87/04/24	S05W00	N26W51	Qual=01 Qual=01 695/50 49	87/05/02	S01W60	Qual=05 Qual= 4	Code=00
SMM Pointing: Importance=84	Peakc/s=64 Wavelength=1375A	SMM Pointing:	portance=B7 akc/s=59 velength=1375	Peakc/s=67	Importance=86 CaPeak.c/s=28	Peak3c/s=25 Wavelength=2788A		SMM Pointing:	Importance=89 Peakc/s=425 Wavelenqth=2788A	111/1		SMM Pointing:	HaClass=SN	##por cance=c4 Peakc/s=303 606/86 1415/86 2		SMM Pointing:	Importance=C3 CaPeak.c/s=93	Peak3C/S=41 Wavelength=2788A Code=00 III/1 V/1
End times 22:30	22:12:31	- + + + + + + + + + + + + + + + + + + +	01:50 01:17	01:26:32	End times 22:32 22:13			- + + + + + + + + + + + + + + + + + + +	End United 19:00 18:09:18	Type/Intensity:		Cod + imos	CHIL CHIRES	07:37:13 07:37:13 lux(sfu):		Frd +	_	:15 [ype/Intensity:
D0Y=1 Peak 22:14	22:12:0/	DOY=110	reak 01:22 01:16:30	01:26:25	DOY=110 Peak 22:10 22:09	22:08			18:49 18:09:03	•		DOY=114	75gK	0/:35 07:35:51 07:36:19 07:37:13 Frequency(MHz)/Flux(sfu):) DOY=122 Deat	02:08 02:13	UZ:13 Type/It
# = 83 /19,22: Start 21:55	22:11:5/ 22:06	# = 8386 /20,01:22	GOES 01:18 HXRBS 01:16:06 UVSP 01:14	01:26:18	Event # = 21309 87/04/20,22:10 Start GOES 22:00 BCS 22:08	21:33		# = 8394 /21,18:49		Sweeps	3000 - #	87/04/24,07:38	วเสเา ลา ภัว.วา	07:35:51 Frequen		# = 21310 $/02,02:08$	GOES 02:01 BCS 02:12	02:06 Sweeps
Event 87/04/ GOES	HXRBS	Event 87/04,	GOES HXRBS UVSP	HXRBS	Event 87/04, GOES BCS	FCS UVSP		Event 87/04,	GOES HXRBS UVSP	Radio	1	87/04	Optic	HXRBS (Radio		Event 87/05	GOES BCS	UVSP Radio

Pitch+19** Pask End times Pointing SO1085 Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-180** Pitch+19** Pask-19** Pitch+19** Pitch+19** Pask-19** Pitch+19** Pitch+					87/05/03	3 D0Y=123				
14:21:00 14:21:12 PeakC/s=20 Qual=00 LC Cts=57 Pitch=+13" Pitch=-146" Pitch=+13" Pitch=-146" Pi	Event # = 8399 87/05/03,14:21 Start	D0Y=123		SMM Pointing	S01W85		Pitch=+19",Yaw	=-950",Roll:	=0deg	H.Ang=85deg
BY/05/05 DOY=125	:20:4 :15	reak 14:21	. 14:21:12	Peak. ⊮avel	Qual=00 Qual=01	Tot Cts=57 Exp #=51721	MaxkeV=328 Rast=180"x1"	Step=0"	Pitch=+13",	, Yaw=-735"
DOY=125 15.48	vent # = 8400				87/05/0				r	
16:46:21 16:46:21 16:46:35 Pack:Class=SF S31E71 AR4806 HacDSO Carr.Lon.=121deg 16:46:21 16:46:36 Pack:Cls=17 Qual=01 Tot Cts=141 MaxkeV=68 Qual=01 PackeV=68 Qual=01 PackeV=68 Qual=01 PackeV=68 Qual=01 PackeV=68 Qual=01 PackeV=68 PackeV=68 Qual=01 PackeV=68 PackeV=	7/05/05, 16:48	DOY=12	+:	_	S36E80		Pitch=+554",Ya	w=+758", Rol	l=0deg	H.Ang=80deg
16:46:21 16:46:36 Peak.c. 16:46:36 Peak.c. 16:46:36 Peak.c. 16:46:31 Peak.c	otical	16.		HaClass=SF	S31E71	AR4806	Mac.=DS0	Carr.Lon.	=121deg	H.Ang=72deg
## 21311 # 1.13	16:46:1 16:30	16:46:	16:46:3		Qual=01 Qual=01 Code=01	Tot Cts=141 Exp #=51778	MaxkeV=68 Rast=180"x1"	Step=0"	Pitch=+417	', Yaw=+714"
# = 21317 # = 21317 # = 21318 # Peak 17:39 DOV=134 End times MC29E74 Pitch=-466", Yaw=+802", Roll=0deg Start Peak Peak 17:39 17:49 Importance BG Qual=01 FePeak=17:38 FePeak: C/s=19 Qual=01 FePeak: C/s=19 Peak3C/s=15 Qual=01 FePeak: C/s=9 #Peaks=1 dt= 7.75 Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Itch=-346" Start Peak Peak C/s=19 Qual=01 Cts=152 Rast=180"x1" Step=0" Pitch=-346" Start Peak Peak C/s=16 Qual=01 Cts=151 Pak Peak C/s=16 Qual=01 Cts=151 Pak Peak C/s=16 Qual=01 Cts=151 Peak C/s=16 Qual=01 Cts=151 Rast=180"x1" Step=0" Pitch=-592" Start Peak Cots=0 Cts=15 Qual=01 Cts=151 Rast=180"x1" Step=0" Pitch=-592" Start Peak Cots=0 Cts=15 Qual=01 Cts=151 Cts=150 Cts=	X				87/05/1					
	/05/14,17:39 /Sf/14,17:39	DOY=1	End +imes	Pointing	N29E74		Pitch=-466",Ya	w=+802",Rol]=0deg	H.Ang=77deg
# = 8410 15,02:53				Importance=B6 CaPeak.c/s=19 Peak3c/s=15 Wavelength=2788A	Qual=01 Qual= 1 Code=01	FePeak=17:38 Exp #=52152	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-346'	XEN=713400 1.024s/pixel ',Yaw=+763"
F = 8410 Pitch=-713", Yaw=+593", Roll=-20deg Pitch=-713", Yaw=+593", Roll=-20deg Start Peak End times Mayelength=2788A Qual=01 Tot Cts=151 MaxkeV=68 Rast=180"x1" Step=0" Pitch=-592 Pitc					87/05/1	٠				
22:49 02:53 03:00 Importance=84	ent /05	DOY=13	10 mg + 10 mg	SMM	N29E74		Pitch=-713",Ya	w=+593", Rol]=-20deg	H.Ang=77deg
# = 8411 15,08:27	3147 02:49 02:52: 02:45 Sweeps	288	03:00 02:52:57 ntensity:	Importance=B4 Peakc/s=61 Wavelength=2788A III/2	Qual=01 Qual=01 Code=00	Tot Cts=151 Exp #=52164	MaxkeV=68 Rast=180"x1"	Step=0"	Pitch=-592'	', Yaw=+555"
Start Feak End Limes 08:26	ent /05/	D0Y=13	i	Pointing	N29E74		Pitch=-466", Ya	#=+802", Rol	1=0deg	H.Ang=77deg
# = 21312 5/16,04:18	0000	08:27 08:27:02 cy (MHz)/F	28:26 sfu):	Importance=B6 Peakc/s=395 Wavelength=2788A 606/130	Qual=01 Qual=01 Code=02	Tot Cts=1640 Exp #=52172	MaxkeV=576 Rast=180"x1"	Flags=NS,(Step=0"	aB Pitch≕-346'	', Yaw=+763"
\$\text{1.6.04:18}\$ DOY=136	*****				87/05/1					
cal 04:08 04:18 04:24 Importance=C2 Qual=01 FePeak=04:17 FePeak.c/s=16 #Peaks=1 dt= 3.8s 04:18 04:24 CaPeak.c/s=39 Qual= 1 FePeak=04:17 FePeak.c/s=16 #Peaks=1 dt= 3.8s 04:18 Peak3c/s=41 Rast=240"x240" Step=15" Cad= 262s 04:16 Wavelength=1375A Code=00 Exp #=52199 Rast=265"x265" Step=5" Pitch=+107" Sweeps Type/Intensity: III/1	ent # = 21312 /05/16,04:18 Start	DOY=136		Pointing	S27E77		Pitch=+117",Ya	w=+919", Rol	}=-20deg	H.Ang≈77deg
04:13 04:18 04:24 Capeak.c/s=39 Qual= 1 FePeak=04:17 FePeak.c/s=16 #Peaks=1 dt= 3.8s 04:18 04:18 04:24 Capeak3c/s=41 04:18 04:18 Cad= 262s 04:16 Wavelength=1375A Code=00 Exp #=52199 Rast=265"x265" Step=5" Pitch=+107" Sweeps Type/Intensity: III/1	tical	04-18	.42	HaClass=SB	\$23E60	AR4810	Mac.=CSO	Carr.Lon.	=354deg	H.Ang=61deg
	04:1 04:1 Sweep	04:18 04:18 04:18 Type/I		Capeak.c/s=39 Peak3c/s=41 Wavelength=1375A III/1	Qual= 1 Code=00	FePeak=04:17 Exp #=52199	FePeak.c/s=16 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s Cad= 262s Pitch=+107"	XEN=713600 1.024s/pixel ',Yaw=+963"

Event # = 8418						
7/05/19,23:1/ DOY=139 SMM Pointing:	ing: N29E21		Pitch=-557", Yaw=+108", Roll=-20deg	√= +108",Roll=.	-20deg	H.Ang=37deg
Start Peak End times					,	;
ptical HaClass		AR4811	Mac.=EKI	Carr.Lon.=340deg	40deg	H. Ang=40deg
DES 23:08 23:17 23:50 Importance						
XRBS 23:12:10 23:12:46 23:15:04 Peakc/	s=142 Qual=01	Tot Cts=4530	MaxkeV=97			
rs 23:14 23:15 23:21 CaPeak.c/		FePeak=23:15	FePeak.c/s=17		t= 7.7s	XEN=713901
FCS 23:17 Peak3c/s			Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel	ad= 590s	1.024s/pixe
WSP 23:10 Wavelengt	h=1375A Code=00 Exp #=52394	Exp #=52394	Rast=30"x30"		itch=-587	'. Yaw=+135"
Radio Frequency(MHz)/Flux(sfu): 606/58		-				

		87/02/18	D0Y=138				
Event # = 8414 87/05/18,03:59 DOY=138	SMM Pointing:	N44E69		Pitch=-844",Yaw	,Yaw=+375",Roll=	, Roll=-20deg	H.Ang=76deg
	Peakc/s=61 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=230 Exp #=52313	MaxkeV=68 Rast=265"x265"	Flags=AX Step=5" P	Pitch=-852",Yaw=+423	, Yaw=+423"
	SMM Pointing:	N30E42		Pitch=-497", Yaw	, Yaw=+550", Roll=Odeg	-Odeg	H.Ang=51deg
reak Ena cimes	HaClass=SN	N29E39	AR4811	Mac.=EKI	Carr.Lon.=341deg	341deg	H.Ang=49deg
	Importance=54 Peakc/s=61 Wavelength=2788A	Qual=02 Qual=01 Code=00	Tot Cts=361 Exp #=52325	MaxkeV=68 Rast=180"x1"	Flags=I Step=0" F	Pitch=-377",Yaw=+507"	, Yaw=+507"
<pre>Sweeps</pre>	2/2 245/310 410/100	606/26					
		87/05/19) D0Y=139	A CONTRACTOR OF THE CONTRACTOR			
Event # = 8416 87/05/19,03:32 DOY=139 5+34 Book	SMM Pointing:	N44E68		Pitch=-844", Yaw=+372", Roll=-20deg	=+372",Roll=	=-20deg	H.Ang=76deg
reak Enu) 03:32:58 03:3	Peakc/s=90 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=866 Exp #=52367	MaxkeV=215 Rast=265"x265"	Flags=AX Step=5" F	Pitch=-852",Yaw≡+423"	, Yaw=+423"
1	SMM Pointing:	N29E26		Pitch=-487", Yaw=+370", Roll=Odeg	=+370", Roll=	=0deg	H.Ang=40deg
Start Peak End times	HaClass=SN	N29E28	AR4811	Mac.=EKI	Carr.Lon.=341deg	341deg	H.Ang=41deg
GUES 12:51 12:53 HXRBS 12:51:09 12:51:48 12:53:02 BCS 12:52 12:58 13:06 FCS 13:02	Importance-C3 Peakc/s=141 CaPeak.c/s=108 Peak3c/s=384 Wavelength=2788A		Tot Cts=2011 FePeak=12:57 Exp #=52374	MaxkeV=68 FePeak.c/s=18 Rast=0"x0" Rast=180"x1"	#Peaks=1 c Step=0" (Step=0" F	dt= 3.8s Cad=.26s Pitch=-366"	dt= 3.8s XEN=713900 Cad=.26s 0.256s/pixel Pitch=-366",Yaw=+324"
	SMM Pointing:	N29E21		Pitch=-557", Yaw	, Yaw=+108", Roll=	,Roll=-20deg	H.Ang=37deg
23:17 23:50	HaClass=SN	N31E24	AR4811	Mac.=EKI	Carr.Lon.=340deg	340deg	H.Ang≃40deg
HXRBS 23:12:10 23:12:46 23:15:04 HXRBS 23:12:10 23:12:46 23:15:04 BCS 23:14 23:15 23:21 FCS 23:10 UVSP 23:10 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=142 0 CaPeakc/s=33 0 Peak3c/s=31 Wavelength=1375A C 606/58	Qual=01 Qual= 1 Code=00	Tot Cts=4530 FePeak=23:15 Exp #=52394	MaxkeV=97 FePeak.c/s=17 Rast=240"x240" Rast=30"x30"	#Peaks=1 c Step=10" (Step=0" F	dt= 7.7s Cad= 590s Pitch=-587"	dt= 7.7s XEN=713901 Cad= 590s 1.024s/pixel Pitch=-587",Yaw=+135"

H.Ang=48deg H.Ang=61deg

Carr. Lon. =83deg

Pitch=-664", Yaw=+506", Roll=-20deg

D0Y=137

87/05/17

N27E56

SMM Pointing:

End times

D0Y=137 Peak

Pitch=+120", Yaw=-39"

Flags=SA Step=0"

08:30 08:53 09:51 Importance=C5 Qual=04 Cts=17310 MaxkeV=126 09:11 Wavelength=2788A Exp #=52262 Rast=180"x1" Frequency(MHz)/Flux(sfu): 245/140 410/460 606/1600 1415/98 2695/78 4995/44 8800/30

08:30 08:53 09:51 08:41:05 08:43:46 08:59:23 09:11

Event # = 8413 87/05/17,08:53 Start Optical GOES 08:30 HXRBS 08:41:05 UVSP 09:11 Radio Frequenc

SMM Pointing: N29E20 CaPeak.c/s=22 Qual=01 CaPeak.c/s=34 Wavelength=1375A Code=00 Exp Bayelength=1375A Code=00 Exp Importance=C1 Qual=01 Importance=C1 Qual=01 Importance=C2 Qual=01 Importance=C3 Qual=01 Importance=C8 Qual=01 Importance=C8 Qual=01 Importance=B3 Qual=01 SMM Pointing: N27E03 Importance=B3 Qual=01 SMM Pointing: N27E03 Importance=B3 Qual=01 SMM Pointing: N28W04 Importance=B3 Qual=01 SMM Pointing: N28W04 Importance=B3 Qual=01 SMM Pointing: N28W04 Importance=C1 Qual=01 SMM Pointing: N28W06 Importance=C1 Qual=01 SMM Pointing: N28W06 Importance=C1 Qual=01 SMM Pointing: N28W06 Importance=C1 Qual=01 SMM Pointing: N28W06 Importance=C1 Qual=01 SMM Pointing: N28W06 Importance=C1 Qual=01 CaPeak.c/s=32 Wavelength=1375A Code=00 Exp Peak3.c/s=28 Wavelength=1375A Code=00 Exp Peak3.c/s=28 Wavelength=1375A Code=00 Exp Peak3.c/s=28					87/05/20	0 D0Y=140				
Importance=87 Qual=01 FePeak=00:50 Rast=240%.2246 Step=10" Cad= 590s Cad= 50	vent # = 21 7/05/20,00:	3 00Y=1	+ T	SMM Pointing	N29E20		Pitch=-554", Yav	#=+97", Roll	=-20deg	H.Ang=36deg
SMM Pointing: N29E14	GOES 00:37 BCS 00:46 FCS 00:46 UVSP 00:43	00:54 00:53 00:48	S E	Importance=B7 CaPeak.c/s=22 Peak3c/s=34 Wavelength=1375A	Qual=01 Qual= 1 Code=00	FePeak=00:50 Exp #=52402	FePeak.c/s=16 Rast=240"x240" Rast=30"x30"		dt= 7.7s Cad= 590s Pitch=-583"	XEN=714000 1.024s/pixel ,Yaw=+74"
HaClass=1N N30E15 AR4811 Hac.=EK1 Carr.Lon.=341deg MaxkeV=68 HaxkeV=68 HaxClass=18 N23E03 AR4811 Hac.=EK1 Carr.Lon.=345deg MaxkeV=678 MaxeV=678 MaxeV=678 MaxeV=678 MaxeV=678 HaxClass=18 N23E03 MaxeV=678 MaxeV=678 MaxeV=678 MaxeV=658 MaxeV=678 MaxeV=	Event # = 8419 87/05/20,13:15			M Pointing	N29E14		Pitch=-487", Yaw	v=+200", Rol]=0deg	H.Ang=34deg
Mayelength=2788A Code=00	Optical	ξ :	ENG times	HaClass=IN	N30E15	AR4811	Mac.=EKI	Carr. Lon.	=341deg	H.Ang=35deg
SMM Pointing: S44E80	13:18	32	13:22:00	Importance-ci Peakc/s=67 Wavelength=2788A	Qual=04 Qual=01 Code=00	Tot Cts=659 Exp #=52431	MaxkeV=68 Rast=180"x1"	Step=0"	Pitch=-367"	, Yaw=+404"
SMM Pointing: S44E80 Pitch=+658", Yaw=+670", Roll=Odeg					87/05/2					
HaClass=18 N23E03 AR4811 Mac.=EKI Carr.Lon.=345deg Qual=04 Qual=04 Qual=04 Axxev=97 Axxev=97 Axxev=07 Axxev=07 Axxev=07 Axvelength=1375A Code=00 Exp #=52477 4995/160 8800/23 Step=5" Pitch=+652 Ayra Axvelength=1375A Code=00 Exp #=52477 A995/160 8800/23 Step=5" Pitch=+652 Ayra Axvelength=1375A Code=00 Exp #=52487 Axxev=155 Axxev=160 Axxev=155 Axxev=160 Axxev=155 Axxev=155 Axxev=160 Axxev=155 Axxev=160	200		+	Œ	S44E80		Pitch=+658",Ya№	v=+670", Rol]=0deg	H.Ang=81deg
### Pointing: N2F03	Optical Goes 03.12	03.20		HaClass=1B	N23E03	AR4811	Mac.=EKI	Carr.Lon.	=345deg	H.Ang=25deg
## = 8421 5/21.08:50 DOY=141 5/21.08:50 DOY=141 5/21.08:50 DOY=141 5/21.08:50 DOY=141 5/21.08:50 DOY=141 5/21.08:50 DOY=141 5/21.08:50 DOY=141 5/21.08:50 DOY=141 5/21.08:37 DOS=0 5/21.08:37 DOS=0 5/21.08:37 DOS=0 5/21.08:37 DOS=0 5/21.08:37 DOS=0 5/21.08:37 DOS=0 5/21.08:37 DOY=14 5/21.08:30 DOY=14 5/21.08:30 DOY=141 5/22.08:30 DOY=142 5/22.08:30 DOY=14	HXRBS 03:42:C UVSP 03:24 Radio Freque)5 03:43:26 :ncy (MHz)/F		### 100 10	Qual=01 Qual=01 Code=00)6/58 141		MaxkeV=97 Rast=265"x265" 1995/160 8800/23	Step=5"	Pitch=+652"	, Yaw=+711"
Importance=B3 Qual=O1	Event # = 8421 87/05/21,08:50	D0Y=14		SMM Pointing	N27E03		Pitch=-454", Yaw	/=+41", Ro11:	=0deg	H.Ang=29deg
SMM Pointing: N28W04 imes Importance=B3 Qual=01 incs Importance=B3 Qual=01 incs Wavelength=1375A Code=02 Exp #=52503 u): 245/610 410/140 2695/22 8800/39 15400/13 SMM Pointing: N28W07 Importance=C1 Qual=01 CaPeak.c/s=32 Qual=1 FePeak=03:07 FePeak.c/s=14 #Peaks=1	0000	D8:50 08:50 08:44:24 oncy(MHz)/F	1 1 4:58 fu):	Importance=83 Peakc/s=216 Wavelength=2788A 245/150 410/61 60	Qua] Qua] 6/8	Tot Cts=2996 Exp #=52487 /8 2695/10 4999	MaxkeV=155 Rast=180"x1" 5/25 8800/42	Step=0"	Pitch=-338"	, Yaw=+250"
Importance=B3 Qual=01 inportance=B3 Qual=01 inportance=B3 Qual=01 indexc/s=82 Qual=01 included	Event # = 8423 87/05/21,22:16	D0Y=141		_ ₹	N28W04		Pitch=-433", Yaw	r=-212", Ro1		H.Ang=31deg
# = 21314 5/22,03:11 DOY=142 Start Peak End times HaClass=SF N28W06 02:57 03:11 03:25 Importance=C1 Qual=01 03:06 03:11 03:23 CaPeak.c/s=32 Qual= 1 FePeak=03:07 FePeak.c/s=14 #Peaks=1 dt= 7.7s Peak3c/s=28 03:06 Wavelength=1375A Code=00 Exp #=52514 Rast=30"x30" Step=0" Pitch=-509*	Start 60ES 22:13:1 HXRBS 22:13:3 UVSP 22:18 Radio Freque	Peak 22:16 10 22:13:57 ncy(MHz)/F	:31 (u):	Importance=B3 Peakc/s=82 Wavelength=1375A 245/610 410/140 2	Qual=(Qual=(Code=(695/22	Tot Cts=519 Exp #=52503 800/39 15400/13		Step=5"	Pitch=-440"	, Үам=-168"
t # = 21314 5/22,03:11 D0Y=142 Start Peak End times Start Peak End times Start Peak End times Start Peak End times O2:57 03:11 03:56 Importance=C1 Qual=1 FePeak=03:07 FePeak.c/s=14 #Peaks=1 dt=7.7s 03:06 03:11 03:23 CaPeak.c/s=28 03:06 Wavelength=1375A Code=00 Exp #=52514 Rast=240"x240" Step=0" Pitch=-509'					87/05/2					and the second s
cal 02:57 03:11 03:26 Importance=C1 Qual=01 03:06 03:11 03:23 CaPeak.c/s=28 Qual= 1 FePeak=03:07 FePeak.c/s=14 #Peaks=1 dt= 7.7s Peak3.c/s=28 Qual= 1 FePeak=03:07 FePeak.c/s=14 #Peaks=1 dt= 7.7s Peak3.c/s=28 Wavelength=1375A Code=00 Exp #=52514 Rast=30"x30" Step=0" Pitch=-509'	Event # = 2131 87/05/22,03:11 Start	DOY=1 Peak		Pointing	N28W06		Pitch=-479", Yaw	≔-87",Roll=		H.Ang=31deg
03:06 03:11 03:23 CaPeak.c/s=32 Qual= 1 FePeak=03:07 FePeak.c/s=14 #Peaks=1 dt= 7.7s 03:06 Peak3c/s=28 Qual= 1 FePeak=03:07 FePeak.c/s=10 Gad= 590s 03:00 Wavelength=1375A Code=00 Exp #=52514 Rast=30"x30" Step=0" Pitch=-509"	ŏ	03:11	56	HaClass=SF Importance=Cl	N28W07	AR4811	Mac.=EKI	Carr.Lon.		H.Ang=31deg
	8 8	7.0.	:23	CaPeak.c/s=32 Peak3c/s=28 Wavelength=1375A	Qual= 1 Code=00	FePeak=03:07 Exp #=52514	FePeak.c/s=14 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=0"		XEN=714200 1.024s/pixel ,Yaw=-80"

87/05/22,04:47	D0Y=142	1 1 1 1	SMM Pointing:	N28W07		Pitch=-479", Yav	, Yaw=-99", Roll=Odeg	=0deg	H.Ang=31deg
Start Optical	Pea :	n (Class=1N	N32W07	AR4811	Mac.=EKI	Carr.Lon.=341deg	=341deg	H.Ang=35deg
GUES 04:38 HXRBS 04:47:03 UVSP 04:37	04:4/ 3 04:47:14	05:03 4 04:47:29	Importance=65 Peakc/s=73 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=129 Exp #=52521	MaxkeV=68 Rast=280"x280"	Step=10"	Pitch=-484", Yaw=-58	', Yaw=-58"
Event # = 8475 87/05/22,12:27	D0Y=142	1	SMM Pointing:	N28W10		Pitch=-479", Ya	, Yaw=-151", Roll	, Roll=Odeg	H.Ang=32deg
Start Peak End to 60ES 12:16 12:27 12:33 HXRBS 12:24:20 12:24:25 12:24 UVSP 12:17 Type/Intensi Radio Frequency(MHz)/Flux(sf Radio Frequency(MHz)/Flux(sf	Feak 12:27 12:24:29 Type/1	1mes :46 ty: u):	Importance=B8 (Peakc/s=98 (Wavelength=2788A (V/2 8800/36	Jual=01 Jual=01 Code=00	Tot Cts=290 Exp #=52539	MaxkeV=97 Rast=180"x1"	Flags=I Step=0"	Pitch=-358",Yaw=+58"	', Yaw=+58"
Event # = 21318 87/05/22,18:43	D0Y=142		SMM Pointing:	N28W14		Pitch=-377", Ya	, Yaw=-357", Roll	, Roll=-20deg	H.Ang=33deg
Start GOES 18:24 BCS 18:40	Peak 18:43 18:41	End times 19:12 18:48	Importance=89 CaPeak.c/s=28	Qua]=04 Qua]= 4	FePeak=18:40	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=714201
rts UVSP 18:46 Radio Sweeps Radio Frequer	18:46 Sweeps Type/Intensi Frequency(MH2)/Flux(si	ω(τ π)::	Feak3C/S=30 Wavelength=2788A (III/1 V/2 245/890	Code=02	Exp #=52547	Rast=243"x243"			", Yaw=-314"
Event # = 2131(87/05/22,20:19	l		SMM Pointing:	N28W15		Pitch=-373", Ya	, Yaw=-368", Roll=-20deg	1=-20deg	H.Ang=33deg
Start 60ES 20:00 BCS 20:17 FCS 20:17 Badio Sweens	20:1 20:1 20:2	End Limes 9 20:39 8 20:22 1 ne/Intensity:	Importance=B8 CaPeak.c/s=30 Peak3c/s=34 Wavelength=2788A (Qual= 1 Code=02	FePeak=20:17 Exp #=52549	FePeak.c/s=16 Rast=0"x0" Rast=243"x243"	#Peaks=1 Step=0" Step=3"	dt= 7.7s X Cad=1.02s 1 Pitch=-401",	XEN=714202 1.024s/pixel ", Yaw=-357"
2	72d C	3		87/05/23	3 D0Y=143				
Event # = 2131 87/05/23,02:04	—		SMM Pointing:	N28W18		Pitch=-361", Yaw=-401"	w=-401", Rol	, Roll=-20deg	H.Ang=35deg
Start 60ES 01:32 BCS 01:43 FCS 01:48 UVSP 01:48 Radio Sweeps	Peak 02:04 01:48 01:54 Type/	End times 02:40 01:54 e/Intensity:	Importance=B5 CaPeak.c/s=21 Peak3.c/s=52 Wavelength=2788A III/1	Qual=02 Qual= 3 Code=01	FePeak=01:52 Exp #=52553	FePeak.c/s=16 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-259",	XEN=714300 1.024s/pixel ",Yaw=-223"
Event # = 8425 87/05/23,15:48	D0Y=143		SMM Pointing:	N28W25		Pitch=-473", Ya	, Yaw=-357", Rol	, Roll=0deg	H.Ang=39deg
~~` ~~`		times	HaClass=SN	N29W25	AR4811	Mac.=EHC	Carr.Lon.=340deg	=340deg	H.Ang=39deg
GUES 15:43 HXRBS 15:46:22 BCS 15:47 FCS 15:47	15:46:4 15:46:4 15:48 15:50	5 15:53 15:50	Importance=bo Peakc/s=105 CaPeak.c/s=39 Peak3c/s=16 Wayelenath=2788A (Qual=01 Qual=1 Qual= 1 Code=02	Tot Cts=775 FePeak=15:47 Exp #=52566	MaxkeV=68 FePeak.c/s=15 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-374",	XEN=714301 1.024s/pixel ",Yaw=-177"

Event # = 21318 87/05/23,19:06	318 06 DOY=143		SMM Pointing:	N28W27		Pitch=-316",Yaw	, Yaw=~516", Roll	, Roll=-20deg	H.Ang=40deg
Start Optical		nd times	HaClass=SN	N28W28	AR4811	Mac.=EHC	Carr.Lon.=341deg	:341deg	H.Ang≈40deg
BCS 19:04	19:05 19:05 19:05	19:54	Importance=b/ CaPeak.c/s=20 Peak3 c/s=22	(ual=1) (ual=1	FePeak=19:04	FePeak.c/s=9	#Peaks=1 Sten=10"	dt= 7.7s Cad= 590c	XEN=714302 1 024s/nixel
UVSP 18:58			Wavelength=1375A	Code=00	Exp #=52576	Rast=30"x30"			', Yaw=-575"
Event # = 842 87/05/23,23:3	1	4	SMM Pointing:	N28W29		Pitch=-304", Yaw=-546", Roll=-20deg	546", Roll	=-20deg	H.Ang=41deg
GOES 23:24 HXRBS 23:40:48 UVSP 23:26 Radio Frequen	23:36 23:41: cy(MHz)	23:55 23:42:51 lux(sfu):	Importance=B4 Peakc/s=81 Wavelength=1375A 410/180	Qual=01 Qual=01 Code=00	Tot Cts=1416 Exp #=52598	MaxkeV=155 Rast=30"x30"	Step=0"	Pitch=-254",Yaw=-584"	', Yaw=-584"
				87/02/54	4 D0Y=144				
Event # = 842 87/05/24,00:4	27 18 DOY=144	,	SMM Pointing:	N28W30		Pitch=-300", Yaw=-556", Roll=-20deg	556", Roll	=-20deg	H.Ang=42deg
Start GOES 00:43 HXRBS 00:47: UVSP 00:46 Radio Frequ	Start Feak Ella S 00:43 00:48 00:55 00:46 o Frequency(MHz)/Flux(s1	3:02 [[] u]:	Importance=83 Peakc/s=111 Wavelength=1375A 245/54	Qual=01 Qual=01 Code=00	Tot Cts=2117 Exp #=52604	MaxkeV=155 Rast=30"x30"	Step=0"	Pitch=-300",Yaw=-582"	', Yaw=-582"
Event # = 21319 87/05/24,01:10	319 10 DOY=144	4 4	SMM Pointing:	N28W30		Pitch=-300", Yaw=	, Yaw=-556", Roll	, Roll=-20deg	H.Ang=42deg
()	רמא. סויים	משובים מ	HaClass=1F	N25W33	AR481.1	Mac.=EHI	Carr.Lon.=343deg	1343deg	H.Ang=42deg
UVSP 01:01 Radio Frequ	uency(MHz)/Flux(sfu)		Importance=C1 CaPeak.c/s=23 Peak3c/s=23 Wavelength=1375A (245/92	Qual=1 Qual=1 Code=00	FePeak=01:10 Exp #=52606	FePeak.c/s=9 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-230"	XEN=714400 1.024s/pixel ",Yaw=-584"
Event # = 21320 87/05/24,01:29	320 29 DOY=144	+	SMM Pointing:	N28W30		Pitch=-300", Yaw=	, Yaw=-556", Roll	', Roll=-20deg	H.Ang=42deg
GOES 01:25 BCS 01:25 FCS 01:14	01:29 01:26 01:26		Importance=C1 CaPeak.c/s=24 Peak3c/s=27 Wavelength=1375A	Qual=02 Qual= 1 Code=01	FePeak=01:25 Exp #=52608	FePeak.c/s=16 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-239",	XEN=714401 1.024s/pixel ',Yaw=-585"
Event # = 213 87/05/24,07:1	321 11 DOY=144 Deat		SMM Pointing:	N28W33		Pitch=-471", Yaw=-456", Roll=Odeg	456", Roll	=0deg	H.Ang=44deg
GOES 06:15 BCS 07:08 FCS 07:39	07:11 07:08 07:09	^	Importance=B8 CaPeak.c/s=18 Peak3c/s=13 Wavelength=2788A	Qual=04 Qual= 1	FePeak=07:08 Exp #=52620	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-372",	XEN=714402 1.024s/pixel ', Yaw=-282"

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1				1						1			I				ı		
H.Ang=44deg	H.Ang=45deg	XEN=714403	0.256s/plxel ",Yaw=-292"	H.Ang=46deg	H.Ang=47deg	XEN=714404	1.024s/pixei ",Yaw=-312"		F F F F F F F F F F F F F F F F F F F	H.Ang=46deg	XEN=714405	1.024s/pixel ",Yaw=-322"	H.Ang=47deg	H.Ang=46deg	XEN=714406	1.024s/pixel ",Yaw=-331"	H.Ang=48deg	H.Ang≖47deg	XEN=714407 1.024s/pixel ',Yaw=-335"
, Roll=Odeg	=337deg	dt= 3.8s	cad=.26s U Pitch=-372",	, Roll=Odeg	=343deg		cad= 590s Pitch=-372		1 1 1 1 1	, Roll=0deg	dt= 7.7s	cad= 590s Pitch=-371	, Roll=Odeg	=339deg	dt= 7.7s	Cad=25.6s I Pitch=-370",	, Roll=Odeg	=3 40de g	dt= 7.7s X Cad= 262s 1 Pitch=-370",
Yaw=-466", Ro]	Carr.Lon.=337deg	#Peaks=1	Step=0" Step=0"	, Yaw=-497", Rol	Carr.Lon.=343deg	#Peaks=1	Step=10" Step=0"		1 1 1 1	v=-497", Ro1		Step=10" Step=0"	, Yaw=-510", Rol	Carr.Lon.=339deg		Step=5" Step=0"	, Yaw=-520", Rol	Carr.Lon.=340deg	#Peaks=1 Step=15" Step=0"
Pitch=-471", Ya	Mac.=EHI	MaxkeV=68 FePeak.c/s=14	kast=U"xU" Rast=180"x1"	Pitch=-471", Yav	Mac.=EHI	MaxkeV=126 FePeak.c/s=7	Kast=240"X240" Rast=180"x1"		MaxkeV=68	Pitch=-471", Yaw=-497"	FePeak.c/s=8	kast=240"x240" Rast=180"x1"	Pitch=-469", Yav	Mac.≃EHI	MaxkeV=155 FePeak.c/s=216	Rast=25"x25" Rast=180"x1"	Pitch=-469", Yaw	Mac.=EHI	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"
	AR4811	Tot Cts=1747 FePeak=09:07	% Code=02 Exp #=52621 4995/29 15400/34		AR4811	Tot Cts=2536 FePeak=12:12	Exp #=52624		Event # = 8430 Tot Cts=1210		FePeak=13:07	Exp #=52626		AR4811	Tot Cts=34620 FePeak=15:27	C/S=148 ength=2788A Code=02 Exp #=52628 i5 1415/33 2695/68 8800/36 15400/15		AR4811	FePeak=16:15 Exp #=52629
N28W34	N31W32	Qual=01 Qual=1	Code=02 95/29 15	N28W37	N24W40	Qual=01 Qual= 3	A Code=00	606/21 2695/14	Associated Qual=01	N28W37	Qual=00 Qual= 8	4	N28W38	N28W37	Qual=01 Qual=1	4 Code=02 2695/68 880	N28W39	N26W39	Qual= 1 Code=00
SMM Pointing:	HaClass=SB	Peakc/s=102 CaPeak.c/s=51	οĢ	SMM Pointing:	HaClass=SF Importance=Rl	Peak/s=148 (CaPeak.c/s=33 (CaPeak.c/s=3) (CaPeak.c/s=33 (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak.c/s=33 (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak.c/s=3) (CaPeak	Feak3(/5-21 Wavelength=2788/ v/2	410/83 6	Peakc/s=73	SMM Pointing:	CaPeak.c/s=24	reak3c/3=10 Wavelength=2788/	SMM Pointing:	HaClass=1B	Peakc/s=551 CaPeak.c/s=774	Peak3c/s=148 Wavelength=2788/ 606/95 1415/33 2	SMM Pointing:	HaClass=SF	CaPeak.c/s=30 Peak3c/s=19 Wavelength=2788A (
Fnd times		09:07:00 09:19	/Flux(sfu):	Fnd +imes	2:38	12:12:03 12:27			12:20:15	Fnd +impo	, mes		+	ild tilles	15:29:50 15:36	/Flux(sfu):	Fnd times	20	16:49
DOY=144 Peak	80:00	09:05:47 09:07	cy(MHz)/F	DOY=144	12:29	12:11:17 12:25 12:25	14.13 Tvne/I	cy (MHz)	12:18:37	DOY=144	133	į	DOY=144	15.20	15:25:00 15:29	15:33 cy (MHz)/F	DOY=144		16:16 16:16
# = 8428 '24,09:08 Start	' ^C	09:05:28 09:06	09:14 Frequency(MHz)/	# = 8429 '24, 12:29 Start	'=	12:11:07 11:56	~ ₹	5	12:17:43	Event # = 21322 87/05/24,13:34	13:04	13:56	# = 8431 '24, 15:29	3tart 11 15.25	15:24:23 14:39	15:30 Frequency(MHz)	# = 21323 24,16:16 Start	'— ⁻	16:13
Event # 87/05/24	Optica GOES	HXRBS BCS FCS		Event # 87/05/2	Optica GOFS	HXRBS BCS BCS	UVSP	Radio	HXRBS	Event 87/05/	60ES BCS	UVSP	Event # = 87/05/24,1	Optical	HXRBS BCS BCS BCS	UVSP Radio	Event #87/05/2	Optica GOFS	SS SS W

Event # = 8432 87/05/24,16:22	į.		SMM Pointing:	N28W39		Pitch=-469", Yaw	, Yaw=-520", Rol	, Roll=Odeg	H.Ang=48deg
GOES 16:20 HXRBS 16:20:41 UVSP 16:07	reak 16:22 . 16:20:54	End times 16:30 4 16:21:14	Importance=Cl Peakc/s=87 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=288 Exp #=52629	MaxkeV=68 Rast=180"x1"	Step=0"	Pitch=-370", Yaw=-	", Yaw=-335"
Event # = 21324 87/05/24,18:01 Start Optical GOES 17:55 BCS 17:54 FCS	DOY=144 Peak 18:01 18:00 18:02	End times 18:19 18:10	SMM Pointing: HaClass=SN Importance=C2 CaPeak.c/s=63 Peak3c/s=50 Wavelength=2788A	N28W39 N25W39 Qual=01 Qual= 1 Code=00	AR4811 FePeak=17:59 Exp #=52631	Pitch=-260", Yaw Mac.=EHI FePeak.c/s=16 Rast=240"x240" Rast=243"x243"	,Yaw=-657",Rol Carr.Lon.= 16 #Peaks=2 40" Step=10" 43" Step=3"	,Roll=-20deg Lon.=339deg s=2 dt= 3.8s 10" Cad= 590s 3" Pitch=-287'	H.Ang=48deg H.Ang=46deg XEN=714408 1.024s/pixe1 ", Yaw=-646"
Event # = 8433 87/05/24,19:29 Start Optical GOES 19:20 HXRBS 19:20:43 BCS 19:23 FCS 19:26 RAdio Sweeps Radio Frequen	433 129 DOV=144 t Peak End t 0 19:29 19:36 0:43 19:28:04 19:23 3 19:28 19:34 19:24 19:24 5 Type/Intensi s Type/Intensi quency(MHz)/Flux(sf	imes:04:04:45:45	SMM Pointing: HaClass=1N Importance=C2 (CaPeakc/s=132 (CaPeakc/s=28 (Peak3c/s=20 Wavelength=2788A (I1/2 V/2 (606/11 Peakc/s=77 (N28W40 N24W40 Qual=01 Qual=1 Qual= 1 SA Code=00 Associated Qual=01	AR4811 Tot Cts=4102 FePeak=19:23 Exp #=52632 Event # = 8434 Tot Cts=2189	Pitch=-256", Yaw Mac.=EHI MaxkeV=126 FePeak.c/s=11 Rast=240"x240" Rast=243"x243"	=-667",Rol Carr.Lon.* #Peaks=1 Step=15" Step=3"	,Roll=-20deg H Lon.=339deg H s=1 dt= 7.7s X 15" Cad= 262s 1 3" Pitch=-284",	H.Ang=49deg H.Ang=46deg XEN=714409 1.024s/pixel ', Yaw=-654"
Event # = 21325 87/05/24,19:41 Start 60ES 19:36 BCS 19:37 FCS	DOY=144 Peak 19:41 19:40 19:42	End times 20:03 19:47	SMM Pointing: Importance=C2 CaPeak.c/s=32 Peak3c/s=23 Wavelength=2788A	N28W40 Qual=01 Qual= 1 Code=00	FePeak=19:39 Exp #=52632	Pitch=-256", Yaw FePeak.c/s=8 Rast=240"x240" Rast=243"x243"	=-667", Rol #Peaks=1 Step=10" Step=3"	,Roll=-20deg s=1 dt= 7.7s 10" Cad= 590s 3" Pitch=-284	H.Ang=49deg XEN=714410 1.024s/pixel ", Yaw=-654"
Event # = 21326 87/05/24,20:45 Start Optical GOES 20:38 BCS 20:56 FCS UNSP 20:56	DOY=144 Peak 20:45 20:56 20:57	End times 21:05 21:07	SMM Pointing: HaClass=18 Importance=C2 CaPeak.c/s=25 Peak3c/s=28 Wavelength=1375A	N28W40 N25W46 Qual=05 Qual= 5	AR4811 FePeak=20:56 Exp #=52633	Pitch=-256", Yaw Mac.=EHI FePeak.c/s=16 Rast=240"x240" Rast=280"x280"	,Yaw=-667",Roll=-20de Carr.Lon.=345deg 16 #Peaks=1 dt= 7. 40" Step=15" Cad= 2 80" Step=10" Pitch=	Roll=-20deg Lon.=345deg s=1 dt= 7.7s 15" Cad= 262s 10" Pitch=-230"	H.Ang=49deg H.Ang=52deg XEN=714411 1.024s/pixe1 ', Yaw=-693"
Event # = 8436 87/05/24,21:19 Start Optical GOES 21:10 HXRSS 21:11:48 BCS 21:11 FCS 21:11	DOY=144 Peak 21:19 21:12:16 21:18 21:14	End times 21:34 521:12:33 21:26	SMM Pointing: HaClass=1B Importance=C3 Peakc/s=265 CaPeak.C/s=472 Wavelength=1375A	N26W44 N25W46 Qual=01 Qual= 1 Qual= 1 Code=00	AR4811 Tot Cts=2175 FePeak=21:17 Exp #=52636	Pitch=-204", Yaw Mac.=EHI MaxkeV=185 FePeak.c/s=19 Rast=0"x0" Rast=30"x30"	,Yaw=-703",Roll=-20de Carr.Lon.=344deg 19 #Peaks=1 dt= 3. Step=0" Cad=1. " Step=0" Pitch=	g 88 79s -224	H. Ang=50deg H. Ang=52deg XEN=714412 1. 792s/pixe1 ", Yaw=-669"

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", Yaw=-698"	H. Ang=52deg H. Ang=50deg XEN=714500 1.024s/pixel ", Yaw=-446"	H.Ang=53deg H.Ang=56deg XEN=714501 I.024s.pixe1 ", Yaw=-446" E XEN=714502 I.024s/pixe1	H.Ang=53deg XEN=714503 1.024s/pixel ", Yaw=-455"	H.Ang=56deg XEN=714504 1.024s/pixe1 ",Yaw=-479"	H.Ang=57deg H.Ang=57deg ",Yaw=-494"
	,Roll=Odeg Lon.=334deg s=1 dt= 3.8s 15" Cad= 262s 0" Pitch=-332"	=0deg	,Roll=Odeg S=1 dt= 3.8s O" Cad=1.02s O" Pitch=-331'	,Roll=Odeg s=1 dt= 7.7s 10" Cad= 590s 0" Pitch=-331'	.Roll=Odeg Lon.=341deg
Step=0"	==617", Ro Carr.Lon #Peaks=1 Step=15" Step=0"	,Yaw=-627",Roll=0deg Carr.Lon.=344deg 165 #Peaks=1 dt=7. 40" Step=10" Cad= 5 " Step=0" Pitch= 	W=-627" #Peak Step= Step=	#Peak Step= Step= Step=	,Yaw=-671",Rol Carr.Lon. Flags=I " Step=0"
MaxkeV=155 Rast=30"x30" MaxkeV=97	Pitch=-431", Yaw Mac.=EHI FePeak.c/s=14 Rast=240"x240" Rast=180"x1"	Pitch=-431" Mac.=EHI MaxkeV=155 FePeak.c/s=Rast=240"x2 Rast=180"x1 FePeak.c/s=	Pitch=-431", Ya MaxkeV=155 FePeak.c/s=18 Rast=0"x0" Rast=180"x1"	Pitch=-427", Yaw FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	Pitch=-429", Ya Mac.=EHI MaxkeV=68 Rast=180"x1"
Even Tot Tot	DOY=145 AR4811 FePeak=03:18 Exp #=52659	AR4811 Tot Cts=24097 FePeak=03:42 Exp #=52659 Event # = 21328 FePeak=03:57	11 Tot Cts=8597 11 FePeak=05:06 Exp #=52660 15400/42	FePeak=09:58 Exp #=52663	AR4811 Tot Cts=1800 Exp #=52667
ssociated Qual=01 ssociated Qual=01	87/05/25 N26W46 N32W39 Qual=04 Qual= 1	N26W47 N30W49 Qual=01 Qual= 1 Qual= 1 Ssociated Qual= 5	N26W47 Qual=0 Qual= Qual=	N26W51 Qual=01 Qual= 1	N26W52 N27W51 Qual=03 Qual=01 A Code=02
Peakc/s=71 Wavelength=1375A 	SMM Pointing: HaClass=SF Importance=C2 CaPeak.c/s=42 Peak3c/s=24 Wavelength=2788A	SMM Pointing: HaClass=2B Importance=M1 Peakc/s=764 CaPeak.c/s=721 Peak3c/s=74 Wavelength=2788AA CaPeak.c/s=35 Peak3c/s=24	SMM Pointing: Importance=C2 Peakc/s=239 CaPeak.c/s=75 Peak3c/s=218 Wavelength=2788A 245/110 410/250	SMM Pointing: Importance=B9 CaPeak.c/s=20 Peak3c/s=14 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=B8 Peakc/s=73 Wavelength=2788A V/1 410/210 606/55
21:08:17 	End times 03:29 03:26	End times 04:09 03:43:55 03:56 04:01	End times 05:32 004:59:25 05:18 Flux(sfu):	End times 10:21 10:02	# = 8650 5/25,13:26 DOY=145 Start Peak End times cal 13:02 13:26 13:40 5 13:19:46 13:21:15 13:22:40 13:30 Type/Intensity: 5 Frequency(MHZ)/Flux(sfu):
21:08:06 21:17:23	DOY=145 Peak 03:19 03:18	DOY=145 Peak 03:42 03:41:10 03:47 03:56 03:56	DOY=145 Peak 05:10 04:56:0 05:07 05:07	DOY=145 Peak 09:59 09:58	DOY=145 Peak 13:26 5 13:21:15 Type/I
21:07:44 20:57 - - 21:16:32	# = 21327 /25,03:19 Start al 03:13 03:17	- CO .M	# = 8439 /25,05:10 Start 05:04 04:55:15 05:38 Frequenc	# = 21329 /25,09:59 Start 09:51 09:52	# = 8650 /25,13:26 Start 13:02 13:19:46 13:30 Sweeps Frequen
HXRBS UVSP HXRBS	Event # 87/05/29 0ptical 60ES FCS UVSP	Event 87/05/ 87/05/ 0ptica 60ES HXRBS BCS FCS UVSP BCS FCS	Event 87/05/ 60ES HXRBS BCS FCS UVSP Radio	Event # 87/05/28 60ES 60ES CFCS UVSP 1	Event 87/05/ 0ptica 60ES HXRBS UVSP Radio Radio

Peak End times Fig. 2 16:25 17:15 Importance=C4 Qual=O3 Exp #=52671 Rast=100"x1" Step=O" 16:25 17:15 Importance=C4 Qual=O3 Exp #=52671 Rast=180"x1" Step=O" 16:25 17:15 Importance=C4 Qual=O3 Exp #=52671 Rast=180"x1" Step=O" 16:25 17:15 Importance=C1 Qual=O3 Exp #=52671 Rast=180"x1" Step=O" 17:43 17:47 Each times Importance=C1 Qual=O3 Exp #=52672 Rast=180"x1" Step=O" 17:43 17:57 Each times Rast=O3 Exp #=52672 Rast=180"x1" Step=O" 17:44 17:45 Importance=C1 Qual=O3 Exp #=52672 Rast=180"x1" Step=O" 17:45 17:47 Each times Rast=O3 Exp #=52672 Rast=180"x1" Step=O" 19:05 19:07 Rast=O3 Exp #=52672 Rast=180"x1" Step=O" 19:06 19:07 Rast=O3 Ra	Event # = 21330 87/05/25,16:25	30 5 DOY=145	1	SMM Pointing:	N26W54		Pitch=-428", Yaw	, Yaw=-692", Roll=0deg	H.Ana=59dea
10.22 16.13 16.14 16.22 16.15 16.1	Start Optical	Pea	d times	HaClass=1N	N31W54	AR4811		Carr.Lon.=342deg	H.Ang=61deg
DOY=145 SYMY Pointing: N26W55 Pitch=-160", Yaw=-80!", Roll Peak 17:43 17:57 Capeak.c/s-24 Qual=0 Fepeak=17:41 Fepeak:c/s-8 Fepaks=1 17:43 17:43 17:43 17:43 AR481 Exp #=52672 Rast=180"x1" Step=0" DOY=145 Find times SMM Pointing: N26W55 AR4811 Hac.=160", Yaw=-801", Roll 19:05 19:38 Hancelength=2788A Capeak.c/s-280 Qual=0 Doy=148 Fast=180"x1" Step=0" 19:00 19:17 Capeak.c/s-280 Qual=0 Doy=18:54 AR4811 Hac.=EHI Carr.Lon.=SW. England 19:13 Mavelength=2788A Cod=0 Exp #=52674 Rast=243"x24" Step=0" 19:13 Mavelength=2788A Cod=0 Exp #=52674 Rast=243"x243" Step=0" 19:13 Mavelength=1375A Qual=0 Tot Cts=266 Maxel-37"x28" Step=0" 19:13 Mavelength=1375A Qual=0 Tot Cts=266 Maxel-37"x28" Step=0" 22:05:31 <t< td=""><td>16:1 16:1 16:3</td><td>999</td><td>43</td><td>Importance=C4 CaPeak.c/s=174 Peak3c/s=225 Wavelength=2788A</td><td>Qual=03 Qual≃ 1</td><td>FePeak=16:23 Exp #=52671</td><td>FePeak.c/s=28 Rast=0"x0" Rast=180"x1"</td><td>#Peaks=1 dt= 7.7s Step=0" Cad=1.02s Step=0" Pitch=-329"</td><td>XEN=714505 s 1.024s/pixel 29", Yaw=-509"</td></t<>	16:1 16:1 16:3	999	43	Importance=C4 CaPeak.c/s=174 Peak3c/s=225 Wavelength=2788A	Qual=03 Qual≃ 1	FePeak=16:23 Exp #=52671	FePeak.c/s=28 Rast=0"x0" Rast=180"x1"	#Peaks=1 dt= 7.7s Step=0" Cad=1.02s Step=0" Pitch=-329"	XEN=714505 s 1.024s/pixel 29", Yaw=-509"
17.43 17.57 Capeak.c/s=24 Qual=1 FePeak=17.41 Rast=240"x240" Step=10" Rast=240"x240" Step=10" Rast=240"x240" Step=10" DOY=145 End times HaClass=1N N2945 Rast=180"x1" Step=0" Rast=240"x240" Step=0" Rast=240"x240" Step=0" Rast=240"x240" Step=0" Rast=240"x240" Step=0" Rast=240"x240" Step=0" Rast=240"x240" Step=0" Rast=250"x240" Step=0" Rast=250"x25" Step=0" Rast=250"	ent # = 213 /05/25,17:4 Start	31 5 DOY=14 Peak		Pointing	N26W55		Pitch=-160", Yaw	=-801", Roll=-20deg	H.Ang=59deg
DOY=145 Beak End times HaClass=1M Pointing: N26W56 DOY=145 Bi554.46 18:55.40 PeakC/s=87 Bi554.45 18:55.40 PeakC/s=87 Bi554.45 18:55.40 PeakC/s=87 Boy=145 Boy=145 DOY=145 D		17:4	•	Importance=Cl CaPeak.c/s=24 Peak3c/s=19 Wavelength=2788A	Qual=01 Qual= 1	FePeak=17:41 Exp #=52672	FePeak.c/s=8 Rast=240"x240" Rast=180"x1"		XEN=714506 s 1.024s/pixel 5", Yaw=-616"
19:05 19:38	Event # = 8440 87/05/25,19:05 Start	DOY=1	1	Pointing	N26W55		Pitch=-160", Yaw	=-801", Roll=-20deg	H.Ang=59deg
18:55.40 Peakc/s=91 Qual= 04 Tot Cts=2665 MaxkeV=68 Flags=SN, E 19:10 19:17 Capeakc/s=98 Qual= 1 FePeak=18:55 FePeak.c/s=68 Flags=SN, E 19:10 19:17 Capeakc/s=98 Qual= 1 FePeak=18:55 FePeak.c/s=68 Flags=SN, E 19:10 Peakc/s=90 Qual= 1 FePeak=18:55 FePeak.c/s=68 FePeak=19 19:13 Peak End times	Optical GOFS 18.50		38	HaClass=1N	N29W56	AR4811	Mac.=EHI	Carr.Lon.=342deg	H.Ang=62deg
DOY=145 Peak End times 22:05:31 22:06:07 Peakc/s=60 Qual=01 DOY=145 Peak End times SMM Pointing: N26W56 DOY=145 Peak End times SMM Pointing: N26W57 Pitch=-156", Yaw=-811", Roll Peak 22:28 22:29 Importance=M1 Qual=01 Iot Cts=283 Maxkev=97 Rast=30"x30" Step=0" Rast=240"x240" Step=10" Rast=240"x240" Step=10" Rast=240"x240" Step=10" Rast=240"x240" Step=10" Rast=30"x30" Step=10" Step=10" Rast=30"x30" Step=10" Step=10" Rast=30"x30" Step=10" Rast=30"x30" Step=0" Step=0" Rast=30"x30" Step=0" Rast=30"x30" Step=0" Rast=30"x30" Step=0" Rast=30"x30" Step=0" Wavelength=1375A Code=00 Coologs	18:54 18:54 18:58	5 18:54:4 19:00 19:13	18:55:40 19:17	Importance-co Peakc/s=91 CaPeak.c/s=287 Peak3c/s=90 Wavelength=2788A	Qual=04 Qual= 1 Qual= 1 Code=00	Tot Cts=2665 FePeak=18:55 Exp #=52674	MaxkeV=68 FePeak.c/s=68 Rast=25"x25" Rast=243"x243"	Flags=SN,EG #Peaks=1 dt= 3.8s X Step=5" Cad=25.6s 1 Step=3" Pitch=-189",	XEN=714507 1.024s/pixel 89", Yaw=-795"
22:05:31 22:06:07 Peakc/s=60 Qual=01 Tot Cts=966 Maxkev=97 Rast=30"x30" Step=0" DOY=145 End times HaClass=SN N29W54 AR4811 Mac.=EHI Carr.Lon.= 22:25:28 22:28 CaPeak.c/s=80 Qual=01 Tot Cts=283 Maxkev=97 Repeaks=1 Repeaks=1 Repeaks=2:27 Repeaks.c/s=11 Repeak=22:27 Rest=240"x240" Step=10" Type/Intensity: III/3 V/2 Repeaks Rast=30"x30" Step=0" S	Event # = 8441 87/05/25,22:05	D0Y=14		Pointing	N26W56		Pitch=-160", Yaw	=-811", Roll=-20deg	H.Ang=61deg
DOY=145 Peak End times HaClass=SN N29W54 Peak 22:28 22:29 Importance=M1 Qual=01	GOES HXRBS 22:02:2 UVSP 22:06	. 22:05:3	22:06:0	kc/s=60 elength=1375A	Qua]=00 Qua]=01	Tot Cts=966 Exp #=52684	MaxkeV=97 Rast=30"x30"		Pitch=-217",Yaw=-815"
22:28 22:29	Event # = 8442 87/05/25,22:28	D0Y=14	+	Pointing	N26W57		Pitch=-156", Yaw	=-821", Roll=-20deg	H.Ang=62deg
22:25:44 22:25:58 22:26:10 PeakC/s=88 Qual=01 Tot Cts=283 MaxkeV=97	Optical	22.2	.20	HaClass=SN	N29W54	AR4811	Mac.=EHI	Carr.Lon.=339deg	H.Ang=60deg
# = 8443 26,00:08 D0Y=146 Start Peak End times HaClass=IN N35W57 00:01 00:08 00:16 Importance=Cl Qual=01 Tot Cts=853 MaxkeV=126 00:07 00:07 00:08 CaPeak.c/s=18 Qual= 1 FePeak=00:07 FePeak.c/s=7 #Peaks=1 00:09 00:09 Pitch=-156", Yaw=-821", Roll 0u3by	22:25: 22:27: 22:20: 4ee ps	2222	26:10 28 sity:	ΑG	Qual=01 Qual= 1 Code=00	Tot Cts=283 FePeak=22:27 Exp #=52686		#Peaks=1 dt= 7.7s X Step=10" Cad= 590s 1 Step=0" Pitch=-156",	XEN=714508 1.024s/pixel 16", Yaw=-806"
Start Peak End times Mac.=EHI Carr.Lon.= Mac.=EHI Carr.Lon.= 00:01 00:08 00:16 Importance=C1 Qual=O1 00:06:12 00:06:51 00:07:15 Peakc/s=91 Qual=O1 00:07 00:07 00:08 CaPeak.c/s=18 Qual= I FePeak=00:07 FePeak.c/s=7 #Peaks=1 00:09 Wavelength=1375A Code=O2 Exp #=52696 Rast=30"x30" Step=O" Frequency (MHz)/Flux(sfu): 2695/20		D0Y=14		1 1	87/05/2 N26W57		Pitch=-156", Yaw=	=-821", Roll=-20deg	H. Ang=62deg
00:06:12 00:06:51 00:07:15 Perkc/s=91 Qual=01 Tot Cts=853 MaxkeV=126 00:07 00:07 00:08 CaPeak.c/s=18 Qual= 1 FePeak=00:07 FePeak.c/s=7 #Peaks=1 00:09 Wavelength=1375A Code=02 Exp #=52696 Rast=30"x30" Step=0" Frequency(MHz)/Flux(sfu): 2695/20	Start Optical GGES 00:01	Peak 00:08			N35W53	AR4811		Carr.Lon.=337deg	H.Ang=61deg
	HXRBS 00:06:1 BCS 00:07 UVSP 00:09 Radio Freque	2 00:06:51 00:07 ncy (MHz)/F		5A		Tot Cts=853 FePeak=00:07 Exp #=52696			dt= 7.7s XEN=714600 Pitch=-274",Yaw=-773"

,	00Y=146	+	SMM Pointing:	N26W57		Pitch=-156", Yaw=-821", Roll=-20deg	821", Roll	1=-20deg	H.Ang=62deg
00:30 00:30	488 488	00:33 00:34	Importance=B8 CaPeak.c/s=21 Wavelength=1375A	Qual=01 Qual= 1 Code=00	FePeak=00:30 Exp #=52698	FePeak.c/s=15 Rast=30"x30"	#Peaks=1 Step=0"	dt= 7.7s Pitch=-213'	dt= 7.7s XEN=714601 Pitch=-213",Yaw=-824"
88 88 ·	= 8444 ,00:36 DOY=146 tart Peak End ' 0:33 00:36 00:46 0:33:37 00:33:53 00:36 0:22 Type/Intens	time time 1:12	SMM Pointing: N26W57 s HaClass=SF N25W57 Importance=C2 Qual=02 Peakc/s=133 Qual=01 Tot C Wavelength=1375A Code=01 Exp # 111/3 V/3	N26W57 N25W57 Qual=02 Qual=01 Code=01	Tot Cts=707 Exp #=52698	Pitch=-156", Yaw: Mac.=EHI MaxkeV=97 Rast=30"x30"	'Yaw=-821",Roll=-20de Carr.Lon.=340deg "Step=0"Pitch=	,Roll=-20deg Lon.=340deg O" Pitch=-213'	=-20deg H.Ang=62deg 340deg H.Ang=61deg Pitch=-213",Yaw=-824"
	(=146	n	SMM Poi	N26W59	000000000000000000000000000000000000000	Pitch=-427", Yaw	, Yaw=-730", Rol	,Roll=Odeg	H.Ang=63deg
2002	Peak 01:12 01:22 01:37	End times 01:26 01:39	Importance=C2 CaPeak.c/s=59 (Peak3c/s=158 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=01:12 Exp #=52699	FePeak.c/s=20 Rast=60"x60" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 949s Pitch=-327°	XEN=714602 26.37s/pixel ",Yaw=-546"
56	DOY=146 Peak	End times	SMM Pointing:	N26W62 N24W59	AR4811	Pitch=-426", Yaw	, Yaw=-751", Roll=Odeg	, Roll=0deg	H.Ang=65deg
ÖÖÖÖ	06:16 06:12:07 06:14 06:16	06:50 06:13:16 06:31	: 8 % 8 % 9 .	Qual=01 Qual=01 Qual= 1	Tot Cts=806 FePeak=06:13 Exp #=52703	Maxkev=69 FePeak.c/s=23 Rast=240"x240" Rast=180"x1"		8s 90s -326	XEN=714603 1.024s/pixe1 ", Yaw=-568"
20	D0Y=146	End +imos	SMM Pointing:	N26W62		Pitch=-426", Yaw	, Yaw=-751", Rol	, Roll=Odeg	H.Ang=65deg
000	7:50 7:49 7:48	57 57	HaClass=SN Importance=Cl CaPeak.c/s=51 Peak3c/s=26 Wavelength=2788A	N29W61 Qual=01 Qual= 1	AR4811 FePeak=07:46 Exp #=52704	Mac.=EHI FePeak.c/s=14 Rast=240"x240" Rast=180"x1"	Carr.Lon.=340deg #Peaks=1 dt= 3. Step=10" Cad= 5 Step=0" Pitch=	=340deg H dt= 3.8s X Cad= 590s 1 Pitch=-326",	H.Ang=66deg XEN=714604 1.024s/pixel ",Yaw=-574"
20)Y=146	+	SMM Painting:	N26W63		Pitch=-425", Yaw=-761", Roll=Odeg	=-761", Rol]=0deg	H. Ang=67deg
Start Per Start	11:05 11:04 11:04	End times 11:24 11:15	Importance=C1 CaPeak.c/s=35 Peak3c/s=20 Wavelength=2788A	Qua]=01 Qua]= 4	FePeak=11:03 Exp #=52706	FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-325",	XEN=714605 1.024s/pixe1 ", Yaw=-585"
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87/05/2	6, 16:54			SMM Pointing:	N26W67		Pitch=-129",Yaw	, Yaw=-883", Roll=-20deg	1=-20deg	H.Ang=70deg
60ES 10	start 16:46 16:54	Feak 16:54 16:54	End times 16:58 16:56		Qual=04 Qual= 5	FePeak=16:54	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=714606
_	16:54	16:54		Peak3c/s=17 Wavelength=1375A	Code=02	Exp #=52713	Rast=0"x0" Rast=280"x280"	Step=0" Step=10"	Cad=3840s Pitch=-155",	3840s/pixel ",Yaw=-874"
Event # 87/05/20	= 8446 6,17:02	D0Y=146		SMM Pointing:	N26W67		Pitch=-129", Yaw≂-883", Roll≖-2Odeg	r=-883", Rol	1*-20deg	H.Ang=70deg
GOES HXRBS BCS	3tart 16:58 17:01:08 17:02	7502 17:02 17:01:34 17:03	17:10 17:02:02 17:04		Qual=01 Qual=01 Qual= 1	Tot Cts=1239 FePeak=17:02	MaxkeV=155 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=714607
	16:56	17:03		reak3c/s=10 Wavelength=1375A	Code=00	Exp #=52714	Kast=240"X240" Rast=30"x30"	Step=10" Step=0"	rad= 590s Pitch=-190"	1.024s/p1xel ",Yaw=-879"
Event # 87/05/20	= 8447 6,17:22		4	SMM Pointing:	N26W67		Pitch=-129", Yaw=-883", Roll=-20deg	/=-883", Rol	1=-20deg	H.Ang=70deg
GOES HXRBS BCS	5 17:10 5 17:19:09 17:20	752 17:20:10 17:21 17:21	17:25 17:21:22 17:51	Importance=C3 Peakc/s=219 CaPeak.c/s=107	Qual=01 Qual=01 Qual= 1	Tot Cts=3985 FePeak=17:21	MaxkeV=126 FePeak.c/s=28	#Peaks=1	dt= 3.8s	XEN=714608
	17:11	17:32		Peak3c/s=353 Wavelength=1375A	Code=00	Exp #=52716	Rast=0"x0" Rast=30"x30"	Step=0" Step=0"	Cad=1.79s Pitch=-179"	1.792s/pixel ",Yaw=-869"
Event # 87/05/20	= 21337 6, 18:43	DOY=146	1	SMM Pointing:	N26W67		Pitch=-129", Yaw=-883", Roll=-20deg	/=-883", Rol	1=-20deg	H.Ang=70deg
GOES	3647 18:39 18:41	18:43 18:43	ב ב	Importance=C1 CaPeak.c/s=32	Qual=01 Qual= 1	FePeak=18:41	FePeak.c/s=8		dt= 7.7s	XEN=714609
	18:30	18:49		Peak3c/s=16 Wavelength=1375A	Code=00	Exp #=52722	Rast=240"x240" Rast=30"x30"	Step=10" Step=0"	Cad= 590s 1 Pitch=-178",	1.024s/pixel ",Yaw=-883"
vent #	# = 21338 /26,20:03 Start	D0Y=146 Peak	End times	SMM Pointing:	N26W67		Pitch=-129", Yaw	', Yaw=-883", Roll=-20deg	1=-20deg	H.Ang=70deg
BCS BCS FCS UVSP	20:02 20:04	20:03 20:18	22	CaPeak.c/s=126 Peak3c/s=431 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=20:03 Exp #=52729	FePeak.c/s=17 Rast=0"x0" Rast=280"x280"	#Peaks=2 Step=0" Step=10"	dt= 3.8s Cad=1.02s Pitch=-151"	XEN=714610 1.024s/pixel ",Yaw=-882"
vent # 7/05/20	# = 8448 /26,22:19	D0Y=146	+ +	SMM Pointing:	N26W69		Pitch=-125", Yaw=-894", Roll=-20deg	894", Rol	1=-20deg	H.Ang=72deg
GOES HXRBS UVSP	22:15:00 22:07		22:2	Peakc/s=66 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=3676 Exp #=52742	MaxkeV=185 Rast=30"x30"	Step=0"	Pitch=-173",Yaw=-882"	', Yaw=-882"

	qed	qed	11	- - - -	deg	00 ; x a 1	1==	deg	7	ixel 3" el	qeg	deg		3" 3"	qed	deg	 		qed	03 i xel
	H.Ang=72deg	H.Ang=74deg	XEN=714611	", Yaw=-621"	H.Ang=74deg	XEN=714700 1 024s/piyel	", Yaw=-62	H.Ang=74deg	, NT >	XEN=/14/01 0.256s/pixel ",Yaw=-623"	H.Ang=74deg	H.Ang=73deg	XEN=7147	Z6.88s/plxel ",Yaw=-623"	H.Ang=74deg	H.Ang=73deg	!", Yaw=-623		H.Ang=82deg	XEN=714703 1.024s/pixel
	,Roll=-20deg	=341deg	dt= 7.7s X	Pitch=-334	, Roll=Odeg	dt= 7.7s X		11=0deg	. 6	dt= 3.85 Cad=.26s Pitch=-334"	, Roll=0deg	.=341deg		Cad=26.9s 2 Pitch=-334",	, Roll=0deg	.=341deg	Pitch=-334"	, Roll=-20deg	.=341deg	dt= 3.8s Cad= 262s
***************************************	,Yaw=-894",Rol	Carr.Lon.=341deg	#Peaks=1	Step=0"	, Yaw=-805", Rol	#Peaks=2 C+on=5"	Step=0"	, Yaw=-805", Roll=Odeg		#Feaks=1 Step=0" Step=0"	, Yaw=-805", Rol	Carr.Lon.=341deg	#Peaks=1	Step=0" Step=0"	, Yaw=-805", Rol	Carr.Lon.=341deg	Step=0"	, Yaw=-943", Ro	Carr.Lon.=341deg	#Peaks=1 Step=15"
	Pitch=-125",Ya	Mac.=EHI	FePeak.c/s=24	Rast=180"x1"	Pitch=-433", Ya	FePeak.c/s=17	Rast=180"x1"	Pitch=-433", Ya	MaxkeV=69	rereak.c/s=10 Rast=0"x0" Rast=180"x1"	Pitch=-433", Ya	Mac.=EHI	MaxkeV=69 FePeak.c/s=26	Rast=0"x0" Rast=180"x1"	Pitch=-433", Ya	Mac.=EHI	MaxkeV=69 Rast=180"x1"	Pitch=-108", Ya	Mac.=EHI	FePeak.c/s=11 Rast=240"x240"
7 DOY=147		AR4811	FePeak=00:02	Exp #=52746		FePeak=00:46	Exp #=52746		Tot Cts=189	FePeak=01:13 Exp #=52747		AR4811	Tot Cts=300 FePeak=01:29	Exp #=52747		AR4811	Tot Cts=462 Exp #=52747		AR4811	FePeak=18:01
87/02/27	N26W69	N28W71	(vual=02 (vual= 3		N27W72	Qual=01 Qual= 4	Code=00	N27W72	Qual=01 Qual=01	Ųual= 1	N27W72	N22W71	Qual=01 Qual=01 Qual= 1	Code=02	N27W72	N22W71	Qual=01 Qual=01 Code=00		N30W80	Qual= 4
	SMM Pointing:	HaClass=SF	Importance=C3 CaPeak.c/s=87	Mavelength=2788A III/2 V/1	SMM Pointing:	Importance=C2 (CaPeak.c/s=37 (CaPeak.c/s=27)	Wavelength=2788A III/1 V/1	SMM Pointing:	Importance=C2 Peakc/s=63	careak.c/s=46 Peak3c/s=314 Wavelength=2788A	SMM Pointing:	HaClass=SF	<pre>Importance=C3 Peakc/s=71 CaPeak.c/s=102</pre>	Peak3c/s=539 Wavelength=2788A III/2	SMM Pointing:	HaClass=SF	Peakc/s=70 Wavelength=2788A	SMM Pointing:	HaClass=SN	Importance=CZ CaPeak.c/s=54 Peak3.c/s=27
	Ind times	בוות נושבי	00:46 00:08	.u4 Type/Intensity:		End times 00:57 00:59	ity:		01:23 01:10:26			ו נושפא	01:35 01:29:24 01:42	ity:	1	a times	01:35:58		= 0	18:22 18:11
	DOY=147	רממ.	388 143	Type/In	D0Y=147	00:49 00:46	Type/Intens	DOY=147	01:14 01:10:10	01:13 01:16	1		01:31 01:28:58 01:30	01:30 Type/Intens	D0Y=147		01:35:18	D0Y=147		1/:59 18:02 18:01
	vent # = 21339 7/05/27,00:11	tical fical	ES 23:50 S 23:53	UVSP 00:39 Radio Sweeps	ent # = 21340 /05/27,00:49	60ES 00:46 BCS 00:44	rSP 00:39 Idio Sweeps	Event # = 8449 87/05/27,01:14	Start DES 01:09 (RBS 01:10:02	BCS 01:10 FCS UVSP 01:37	Event # = 8450 87/05/27,01:31	Start tical	GOES 01:28 HXRBS 01:28:47 BCS 01:28	.S /SP 01:37 adio Sweeps	Event # = 8451 87/05/27,01:40	otar 11.23	HXRBS 01:35:07 UVSP 01:37	Event # = 21341 87/05/27,17:59	Start stical	GOES 17:40 BCS 18:01 FCS 18:01

					87/02/28	8 DOY=148				
Event 87/05/	# = 8452 /28,00:48			SMM Pointing:	N27W86		Pitch=-428", Yaw=-845", Roll=Odeg	r=-845", Rol]=0deg	H.Ang=87deg
GOES HXRBS BCS FCS UVSP Radio Radio	Start 0ES 00:43 XRBS 00:45:36 CS 00:46 CS 00:20 VSP 00:20 adio Sweeps adio Frequence	Start Peak End timm 00:43 00:48 00:57 00:45:36 00:45:49 00:45:55 00:46 00:48 00:50 00:20 Type/Intensity:	8	Importance=C1 Peakc/s=81 CaPeak.c/s=30 Peak3c/s=28 Wavelength=1375A 245/42	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=292 FePeak=00:48 Exp #=52765	MaxkeV=69 FePeak.c/s=9 Rast=240"x240" Rast=280"x280"	#Peaks=1 Step=10" Step=10"	dt= 7.7s) Cad= 590s) Pitch=-453",	XEN=714800 1.024s/pixel ", Yaw=-820"
Event 87/05/ HXRBS UVSP	Event # = 8453 87/05/28,08:53 Start HXRBS 08:53:31 UVSP 09:02	D0Y=148 Peak : 08:53:48	End times 08:54:03	SMM Pointing: Peakc/s=180 Wavelength=2788A	Qual=01	AR4811 Tot Cts=1156 Exp #=52770	MaxkeV=463 Rast=180"x1"	Flags=NS,GB Step=0"Pi	GB Pitch=-328'	B Pitch=-328", Yaw=-646"
Event 87/05/ 60ES BCS FCS UVSP	t # = 21342 5/28,11:14 5/28,11:14 10:25 11:38 11:11	00Y=148 Peak 11:14 11:38	End times 12:01 11:52	Importance=C2 CaPeak.c/s=23 Peak3c/s=20 Wavelength=2788A	Qual=05 Qual= 5 Code=00	FePeak=11:38 Exp #=52772	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=-328",	XEN=714801 1.024s/pixel ",Yaw=-646"
Event 87/05/	# = 8455 '28,22:22 Start		Fnd times	SMM Pointing:			Pitch=-112", Yaw=-971", Roll=-20deg	r=-971", Ro1	1=-20deg	
GOES HXRBS UVSP	GOES 22:18 HXRBS 22:19:40 UVSP 22:12	22:22 22:20 22:20:05	22:27 22:20:3	Importance=84 Peakc/s=66 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=234 Exp #=52786	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=-13",	, Yaw=-771"
Event 87/05/	# = 21343			CMM Dointing.	87/05/29	9 D0Y=149 _	ev "C6A -40+id	20PO-1100 "330	1-0400	
GOES BCS FCS UVSP Radio	0ES 01:39 CS 01:53 CS 01:53 CS 02:18 VSP 02:18	Peak 02:18 02:17 02:18	times 7 3 ity:	Importance=C2 CaPeak.c/s=45 Peak3.c/s=50 Wavelength=2788A V/2	Qual=03 Qual= 1 Code=02	FePeak=02:08 Exp #=52791	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	.7s 590s =-327'	XEN=714900 1.024s/pixel ", Yaw=-676"
Event 87/05/	vent # = 8477 7/05/29,16:04 Start	D0Y=149	End times	SMM Pointing:			Pitch=-103", Yaw	, Yaw=-973", Roll=-20deg]=-20deg	
GOES HXRBS UVSP	16:03:19 16:26		16:04	Peakc/s=85 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1220 Exp #=52803	MaxkeV=126 Rast=180"x1"	Flags=I Step=0"	Pitch=-13",Yaw=-771	, Үаw=-771"

1,10:43	DOY=149	Cod + impo	SMM Pointing:			Pitch=-103", Yaw	, Yaw=-973", Roll	,Roll=-20deg	
GOES 16:12 HXRBS 16:14:18 BCS 16:21 FCS 16:26 UVSP 16:26		16:27 16:27	Importance=B9 Peakc/s=85 CaPeak.c/s=79 Peak3c/s=41 Wavelength=2788A	Qual=03 Qual=01 Qual= 1 Code=02	Tot Cts=9862 FePeak=16:22 Exp #=52803	MaxkeV=69 FePeak.c/s=30 Rast=30"x30" Rast=180"x1"	Flags=I #Peaks=1 Step=10" Step=0"	dt= 3.8s Cad=76.0s Pitch=-13",	XEN=714901 8.448s/pixel ,Yaw=-771"
vent # = 21345 7/05/29,22:34 Start	DOY=149 Peak	End times	SMM Pointing:			Pitch=-103", Yaw	,Yaw=-973",Roll=-20deg	=-20deg	
21:52 22:43	22:34 22:32		(CaPeak.c/s=29 (Peak3c/s=84 Wavelength=2788A	Qual=00 Qual= 1	FePeak=22:33 Exp #=52811	FePeak.c/s=16 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-13",	XEN=714902 1.024s/pixe1 Yaw=-771"
: # = 21344 5/29,23:27 Start	D0Y=149 Peak	End times	SMM Pointing:			Pitch=-427", Yaw=-875"	=-875", Roll	, Roll=Odeg	
23:25 23:19	23:27 23:25		CaPeak.c/s=31 Peak3c/s=27 Wavelength=2788A	Qual=00 Qual= 3	FePeak=23:26 Exp #=52812	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-327'	dt= 7.7s XEN=714903 Cad= 590s 1.024s/pixel Pitch=-327", Yaw=-676"
Sweeps Frequen	eeps Type/Intensity Frequency(MHz)/Flux(sfu)		111/1 245/46		-				
X 4 X 4 X				87/05/30	0 D0Y=150 _				
ent # = 21346 /05/30,01:00 Start	, D0Y=150 Peak	End times	SMM Pointing:	9		Pitch=-427", Yaw=-875"	/=-875",Rol	, Roll=Odeg	
01:00 00:54	01:00 01:02	01:27	CaPeak.c/s=19 Peak3c/s=20 Wavelength=2788A	Ųual≖00 Qual≖ 5	FePeak=01:00 Exp #=52814	FePeak.c/s=10 Rast=25"x25" Rast=180"x1"	#Peaks=1 Step=5" Step=0"	dt= 7.7s X Cad=25.6s 1 Pitch=-327",	XEN=715000 1.024s/pixe1 , Yaw=-676"
				87/06/01	1 D0Y=152				
Event # = 8462 87/06/01,16:45 Start	D0Y=152 Peak	End times	SMM Pointing:	N20W57		Рі́tch=-55",Үаw=-813",Roll=-20deg	813",Roll	=-20deg	H.Ang=59deg
16:45:43 16:40		16:4	Peakc/s=57 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=74 Exp #=52887	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=+46"	, Yaw=-617"
				87/06/02	2 D0Y=153				
= 8463 2,01:16	D0Y=153	, + + +	SMM Pointing:	N20W62		Pitch=-329",Yaw	, Yaw=-783", Rol	,Roll=Odeg	H.Ang=64deg
HXRBS 01:15:59 (UVSP 01:08	01:16:07	7 01:16:27	Peakc/s=179 Wavelength=2788A	Qual=01	Tot Cts=789 Exp #=52896	MaxkeV=350 Rast=180"x1"	Flags=NS,(Step=0"	Flags=NS,GB Step=0" Pitch=-229",Yaw=-586"	, Yaw=-586"

Event # = 12761 87/06/09,23:47 D Start P HXRBS 23:46:17 2 UVSP 23:11 Event # = 8466 87/06/10.01:35 D					207-100				
1XRBS 23:46:17 2 1VSP 23:11 2Yent # = 8466 27/06/10 01:35 0	DOY=160	7	SMM Pointing:	N29E87	-	Pitch=-458", Yaw=+827", Roll=Odeg	v=+827", Rol	1=0deg	H.Ang=87deg
1 1	23:47:15	. 23:47:26	Peakc/s=90 Wavelength=2788A	Qual=01	Tot Cts=520 Exp #=53092	MaxkeV=578 Rast=180"x1"	Flags=NS,(Step=0"	Flags=NS,GB Step=0" Pitch=-359",Yaw=+771"	', Yaw=+771"
				87/06/10	.0 DOY=161				
	DOY=161	Fnd +imps	SMM Pointing:	N29E86		Pitch=+827", Yaw=+457", Roll=90deg	v=+457", Rol]=90deg	H.Ang=86deg
	ol:35:21	01:	Peakc/s=99 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=312 Exp #=53093	MaxkeV=578 Rast=265"x265"	Flags=AX Step=5"	Pitch=+799'	Pitch=+799",Yaw=+485"
		and the second s		87/06/11	.1 D0Y=162				
Event # = 846/ 87/06/11,01:06 D Start P	DOY=162	Fnd times	SMM Pointing:		AR4811				
	01:06:18		Peakc/s=128 Wavelength=2788A	Qua}=00 Qua]=01	Tot Cts=686 Exp #=53123	MaxkeV=578 Rast=180"x1"	Flags=AX Step=0"	Pitch=-359"	Pitch=-359",Yaw=+771"
				87/06/14	4 D0Y=165				
Event # = 8468 87/06/14,19:35 D	DOY=165	fnd times	SMM Pointing:	N32E50	•	Pitch=-493", Yaw=+612",	/=+612", Rol	, Roll=Odeg	H.Ang=56deg
	19:35:26	19:	Peakc/s=87 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=6959 Exp #=53249	MaxkeV=578 Rast=30"x30"	Flags=AX Step=0"	Pitch=-493", Yaw=+663"	, Yaw=+663"
				87/06/15	5 D0Y=166				
Event # = 8469 87/06/15,12:51 Di Start P	DOY=166 Peak	Fod times	SMM Pointing:	N32E41		Pitch=-642", Yaw=+328"	=+328", Roll	, Roll=-20deg	H.Ang=50deg
_	12:51:53	12:5	Peakc/s=94 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=16591 Exp #=53290	MaxkeV=126 Rast=180"x1"	Step=0"	Pitch=-541",Yaw=+269"	, Yaw=+269"
Event # = 8470 87/06/15,19:04 D	DOY=166 Peak	Fnd + impo	SMM Pointing:	N32E40		Pitch=-490", Yaw=+516", Roll=Odeg	=+516", Roll	=0deg	H.Ang=49deg
	9:04:24	19:04:24 19:15:32	Peakc/s=131 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=41988 Exp #=53307	MaxkeV=578 Rast=30"x30"	Flags=AX Step=0"	Pitch=-500",Yaw=+560"	, Yaw=+560"
12.00				1/90//8	7 D0Y=168				
Event # = 84/1 87/06/17,08:42 DO Start P	0Y=168 Pak	DOY=168 Peak Fnd times	SMM Pointing:	N30E16		Pitch=-506",Yaw	,Yaw=+53",Roll=-20deg	:-20deg	H.Ang≕33deg
	8:42:22	08:42:51	Peakc/s=341 Wavelength=2788A	Qual=01	Tot Cts=2730 Exp #=53355	MaxkeV=578 Rast=180"x1"	Flags=NS,G Step=0"	Flags=NS,GB Step=0" Pitch=-404",Yaw=-9"	, Yaw=-9"

			87/06/24 DOY=175			
Event # = 8472 87/06/24,00:16 DOY	175	SMM Pointing:		Pitch=-245", Yaw=-1", Roll=Odeg		H.Ang=15deg
	00:16:11 00:17:29	Peakc/s=114 Wavelength=2788A	Qual=00 Qual=01 Tot Cts=3053 Exp #=53549	MaxkeV=216 Rast=15"x15" Step=3"	Pitch=-273",Yaw=+12	Yaw=+12"
			87/07/03 D0Y=184			
Event # = 8481 87/07/03,22:51 DOY=	00Y=184	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=-20deg		H.Ang=Odeg
:47	1:50	Peakc/s=680 Wavelength=2788A	Qual=00	MaxkeV=69 Flags=M1,AX Rast=180"x1" Step=0" Pi	1,AX Pitch=+7",Yaw=+16"	3w=+16"
			87/07/05 D0Y=186			
Event # = 8482 87/07/05,22:59 DOY Start Pea	DOY=186 Deak End times	SMM Pointing:	N03W00	Pitch=+2",Yaw=+1",Roll=-20deg		H. Ang=Odeg
	~	Peakc/s=73 Wavelength=2788A	Qual=01 Tot Cts=5501 Qual=01 Tot Cts=5501 Exp #=53887	MaxkeV=126 Rast=180"x1" Step=0"	Pitch=+7",Yaw=+16"	3w=+16"
			87/07/16 D0Y=197			
Event # = 8484 87/07/16,01:19 DOY	197	SMM Pointing:	N36E21	Pitch=-565", Yaw=+85", Roll=-20deg		H.Ang≕37deg
Optical	ak Enu cimes	Code=E	S32E90	Carr. Loi	Carr.Lon.=238deg	H.Ang=92deg
GDES U1:U3 U1: HXRBS 01:11:16 01: UVSP 01:38 Radio Sweeps T Radio Frequency(M	U1:U3 U1:19 U1:27 01:11:16 01:11:48 01:13:25 01:38 Type/Intensity: Frequency(MHZ)/Flux(sfu):	Importance=U4 Peakc/s=153 Wavelength=2788A III/1 V/1 245/29	Qual=U3 Qual=O1 Tot Cts=3380 Exp #=54139	MaxkeV=126 Rast=180"x1" Step=0"	Pitch=-426",Yaw=+3"	, Y аw=+3"
			87/07/22 D0Y=203			
34/	DOY=203	SMM Pointing:	S30W08	Pitch=+552",Yaw=+74",Roll=-20deg		H.Ang=36deg
	ENG 15.5		S29W13 AR4826	Mac.=CRO Carr.Lo	Carr.Lon.=254deg H	H.Ang=36deg
15:24	5:32 15:47	CaPeak.c/s=55	Qual= 1 FePeak=15:33	FePeak.c/s=11 #Peaks=	dt= 7.7s	XEN=720300
15:17		Wavelength=2788A	Code=00 Exp #=54331	Rast=180"x1" Step=0"	Cdu=.cos Pitch=+431	0.2305/pixel, Yaw=+4"
# = 8496 /22,15:59 DO)	+	SMM Pointing:	S30W08	Pitch=+552", Yaw=+74", Roll=-20deg		H.Ang=36deg
GOES 15:57 15: HXRBS 15:57:28 15: UVSP 15:53 Radio Frequency(P	5:57 15:59 16:00 5:57:28 15:58:08 15:58:54 5:53 Frequency(MHz)/Flux(sfu):	Importance=88 Peakc/s=76 Wavelength=2788 1415/57 2695/52	Qual=01 Qual=01 Tot Cts=725 A Code=00 Exp #=54333 4995/18	MaxkeV=127 Rast=180"x1" Step=0"	Pitch=+433",Yaw=+0"	, Yaw=+0"

Event # = 2 87/07/22,16 Star	= 21348 116:51 DOY=203	3 End +imag	SMM Pointing:	S30W08		Pitch=+552", Yav	, Yaw=+74", Roll	, Roll=-20deg	H.Ang=36deg
Optical Optical Optical	7 7 7		포포	\$29W13 \$22E57	AR4826 AR4827	Mac.=CRO	Carr.Lon.=253deg Carr.Lon.=183deg	=253deg =183deg	H.Ang=36deg H.Ang=62deg
BCS 16:5	7 16:58	17:11	Importance=us CaPeak.c/s=35	(ua)=05 (ua)= 4	FePeak=16:57	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=720301
UVSP 16:5	5		Wavelength=2788A	4 Code=02	Exp #=54335	Rast=0.x0 Rast=180"x1"	Step=0" Step=0"	cad=.26s Pitch=+435	0.256s/p1xel 35", Yaw=-7"
Event # = 8 87/07/22,17 Star	1	F. 2	SMM Pointing:	S30M09		Pitch=+556", Yaw=+63", Roll=-20deg	v=+63", Roll	=-20deg	H.Ang=36deg
GOES 17:48 HXRBS 17:49:09 UVSP 17:44	8 17:50 9:09 17:49:1	17:53 7 17:49	Importance=B9 Peakc/s=52 Wavelength=2788A	Qual=01 Qual=01 \ Code=00	Tot Cts=55 Exp #=54338	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=+437",Yaw=-13	",,Yaw=-13"
Event # = 21349 87/07/22,20:03	1349 :03 DOY=203		SMM Pointing:	S28W15		Pitch=+560", Yaw	, Yaw=-32", Roll:	, Roll=-20deg	H.Ang=36deg
Optical Confedence	. 6	20.25	HaClass=SF	\$28W16	AR4826	Mac.=CRO	Carr.Lon.=254deg	=254deg	H.Ang=36deg
BCS 20:05 FCS 20:05	5 20:06	20:08	CaPeak.c/s=20	Qual= 1	FePeak=20:06	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=720302
UVSP 20:09	6		Wavelength≖2788A	Code=02	Exp #=54342	Kast=U"XU" Rast=243"x243"	Step=0" Step=3"	Cad=.26s Pitch=+571	0.256s/plxel ",Yaw=-31"
	0.00			87/07/23	3 D0Y=204				
87/07/23,03	_	, 1	SMM Pointing:	S28W20		Pitch=+514", Yaw=-280", Roll=0deg	/=-280", Rol	1=0deg	H.Ang=38deg
GOES 03:09 BCS 03:13	9 03:16 3 03:15	03:21 03:19	Importance=C2 CaPeak.c/s=63	Qual= 1	FePeak=03:14	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=720400
FCS UVSP 03:09	6		Wavelength=2788A	Code=00	Exp #=54358	=		Cad=.26s 0 Pitch=+393",	0.256s/pixel ",Yaw=-356"
Event # = 8498 87/07/23,09:25 Start	498 :25 DOY=204 t Peak	Fnd + imps	SMM Pointing:	S28W23		Pitch=+513", Yaw	, Yaw=-325", Roll=0deg]=0deg	H.Ang=40deg
Optical GOFS 09:17		09.34		S31W22	AR4826	Mac.=CSO	Carr.Lon.=253deg	=253deg	H.Ang=42deg
HXRBS 09:20: BCS 09:21	52 09:21:1	09:22:02	Peakc/s=66 CaPeak.c/s=154	Qual=01 Qual=1	Tot Cts=427 FePeak=09:23	MaxkeV=97 FePeak.c/s=28		dt= 3.8s	XEN=720401
UVSP 09:09	6		₩avelength=2788A	Code=00	Exp #=54373	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s 0 Pitch=+392",	0.256s/pixel ",Yaw≖-400"
Event # = 21351 87/07/23,12:33 Start	1351 :33 D0Y=204 : Peak	1	SMM Pointing:	S28W25		Pitch=+600", Yaw	, Yaw=-150", Roll=-20deg	l=-20deg	H.Ang≈41deg
GOES 12:28 BCS 12:30 ECS	8 12:33 0 12:32	12:39 12:39	Importance=Cl CaPeak.c/s=39	Qual=01 Qual= 1	FePeak=12:30	FePeak.c/s=9		dt= 7.7s	XEN=720402
UVSP 12:17			Wavelength=2788A	Code=00	Exp #=54381	kast=U.xU Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=+481'	0.256s/pixel 1",Yaw=-225"

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				87/07/24	4 D0Y=205				
Event # = 850	1		1						
87/07/24,00:39 Start	19 D0Y=205 Peak	Fnd times	SMM Pointing:	S28W18		Pitch=+515", Yaw	, Yaw=-256", Rol	, Roll=Odeg	H.Ang=38deg
Optical Co.22		() () () () () () () () () ()	HaClass=SF	\$28W28	AR4826	Mac.=DAI	Carr.Lon.=251deg	=251deg	H.Ang=43deg
HXRBS 00:33: BCS 00:33:	:51 00:34:56 00:37	6 00:36:59 00:37	<pre>importance=c4 Peakc/s=78 CaPeak.c/s=177</pre>	Qual=02 Qual=01 Qual= 3	Tot Cts=1821 FePeak=00:35	MaxkeV=69 FePeak.c/s=42 Das+=0"<0"	#Peaks=1 <+en=0"	dt= 3.8s	XEN=720500
UVSP 00:39			₩avelength=1375A	Code=02	Exp #=54427	Rast=30"x30"	Step=0"	Pitch=+513"	", Yaw=-429"
Event # = 21354 87/07/24,08:28	154 18 DOY=205		SMM Pointing:	S28W36		Pitch=+505", Yaw=-485", Roll=Odeg	=-485", Rol]=0deg	H.Ang=48deg
Optical	reak	E 6		S29W35	AR4826	Mac.=DAI	Carr.Lon.=253deg	=253deg	H.Ang=48deg
BCS 08:22	08:58	08:39	Importance=t1 CaPeak.c/s=52	Qual= 1	FePeak=08:27	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=720501
UVSP 08:25			Wavelength=2788A	Code=00	Exp #=54457	Rast=180"x1"	Step=0"	Pitch=+385"	", Yaw=-301"
Event # = 8503 87/07/24,10:04	13 14 DOY=205 Doat	pai+ bag	SMM Pointing:	S28W36		Pitch=+505", Yaw=-485", Roll=Odeg	=-485", Rol	1=0deg	H. Ang=48deg
Optical			HaClass=1B	\$29W36	AR4826	Mac.=DAI	Carr.Lon.=253deg	=253deg	H.Ang=49deg
GUES 09:53 HXRBS 09:55:39 BCS 09:56	39 09:57:24 10:01	10:39 10:12:00 10:43	<pre>importance=ms Peakc/s=1351 CaPeak.c/s=2268</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=1.47E+5 FePeak=10:00	MaxkeV=156 FePeak.c/s=736		dt= 3.8s	XEN=720502
UVSP 10:00 Radio Frequ	10:00 Frequency(MHz)/Flux(sfu)	•••	∀ O	Code=00 4995/200	Exp #=54461 8800/230 15400/	Rast=180"x1" 140	Step=0"	7.	u.coos/pixei ",Yaw=-311"
Event # = 21355 87/07/24,10:43	55 3 DOY=205	Fod +	SMM Pointing:	S28W36		Pitch=+504", Yaw	, Yaw=-495", Rol	, Roll=Odeg	H. Ang=48deg
GOES 314 U BCS 10:43	10:43	-	CaPeak.c/s=106	Qual=00 Qual= 5	FePeak=10:43	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=720503
UVSP 10:34			Wavelength=2788A		Exp #=54463	Rast=0.x0 Rast=180"x1"	Step=0"	cad=.cos Pitch=+384	u.∠oos/pixei ",Yaw=-314"
Event # = 21356 87/07/24,11:22 Start	156 12 D0Y=205 Peak	Sout + bas	SMM Pointing:	S28W37		Pitch=+647", Yaw	, Yaw=-299", Roll=-20deg	1=-20deg	H.Ang=49deg
GOES 3521 5 BCS 11:21			CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=11:29	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=720504
UVSP 11:17			Wavelength=2788A		Exp #=54464 ·	Rast=180"x1"	Step=0"	Pitch=+526"	0.2305/pixer ",Yaw=-115"
Event # = 8504 87/07/24,15:58 Start	14 18 DOY=205 Peak	Fnd +imes	SMM Pointing:	S28W39		Pitch=+652", Yaw	, Yaw=-319", Rol	, Roll=-20deg	H.Ang=50deg
Optical Correction		_	HaClass=SN	N31E69	AR4831	Mac.=ES0	Carr.Lon.≈145deg	≖145deg	H.Ang=69deg
HXRBS 16:04:19 UVSP 16:05	19 16:04:22	16:05:02	Peakc/s=165 Wavelength=1375A	Qual=01 Code=02	Tot Cts=774 Exp #=54477	MaxkeV=580 Rast=280"x280"	Flags=AX Step=10"	Pitch=+664	Pitch=+664",Yaw=-317"

				87/01/26	5 D0Y=207					, ,
ı			SMM Pointing:	S28W57		Pitch≖+486",Yaw=-703",Roll=Odeg	aw=-703", Rol	1=0deg	H.Ang=65deg	
Start 60ES 03:27 HXRBS 03:27:46 UVSP 03:28 Radio Frequenc	Peak End 03:31 03:: 03:28:13 03:: y(MHz)/Flux(1 es	Importance=C2 Qual=0: Peakc/s=179 Qual=0 Wavelength=Z788A Code=O0 2695/12 4995/30 8800/33	Qual=03 Qual=01 Code=00 8800/33	Tot Cts=3050 Exp #=54582	MaxkeV=127 Rast=180"x1"	Flags=I Step=0"	Pitch=+364",Yaw=-525"	', Yaw=-525"	
Event # = 8505 87/07/26,11:24 Start	DOY=207		SMM Pointing:	S28W61		Pitch=+704", Yaw=-521",Roll=-20deg	aw=-521", Rol	1=-20 de g	H.Ang=68deg	
1:23:53 1:13	L1:24:27	า	Peakc/s=73 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=14075 Exp #=54604	MaxkeV=97 Rast=30"x30"	Step=0"	Pitch=+709",	', Yaw=-545"	
Event # = 8506 87/07/26,13:45 Start	DOY=207 Peak Fnd t	Fnd times	SMM Pointing:	S23E05	And the second s	Pitch=+394", Yaw=+230", Roll=-20deg	aw=+230", Rol]=-20deg	H.Ang=29deg	1
GOES HXRBS 13:44:47 UVSP 13:39	13:45:20)	Peakc/s=93 ⊌avelength=1375A	Qual=00 Qual=01	Tot Cts=7817 Exp #=54614	MaxkeV=127 Rast=30"x30"	Step=0"	Pitch=+368",Yaw=+235"	', Yaw=+235"	
	D0Y=207		SMM Pointing:	S23E02		Pitch=+450", Yaw=+30", Roll=0deg	aw=+30", Roll	=0deg	H.Ang=28deg	1
GOES 20:29 HXRBS 20:29:55 UVSP 20:24	Peak End 1 20:30 20:33 20:30:09 20:30	End times 20:33 20:30:21	Importance=C6 Peakc/s=96 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=476 Exp #=54644	MaxkeV=69 Rast=30"x30"	Step=0"	Pitch=+423",Yaw=-89"	', Yaw=-89"	
				87/01/27	7 DOY=208					ı
Event # = 8508 87/07/27,02:21	D0Y=208		SMM Pointing:	S23W01	,	Pitch=+449", Yaw=-21", Roll=Odeg	aw=-21", Roll	=0deg	H.Ang≃28deg	I
Start Optical	Peak Ella Lille	ב ב ב		\$27W71	AR4826	Mac.=EAI	Carr.Lon.=253deg	=253deg	H.Ang*76deg	
GUES UZ:14 HXRBS 02:17:39 (UVSP 02:05 Radio Frequency	2:14	4	Importance=C4 Peakc/s=153 Wavelength=2788A 4995/17 8800/31	Qual=01 Qual=01 Code=01	Tot Cts=5171 Exp #=54649	MaxkeV=97 Rast=180"x1"	Step=0"	Pitch=+328"	Pitch=+328",Yaw=+163"	
Event # = 8483 87/07/27,18:15	D0Y=208		SMM Pointing:	S28W83		Pitch=+704",Y	', Yaw=-630", Roll=-20deg	1=-20deg	H.Ang=86deg	ı
Optical	reak Eilu 10.15 10.5	ר וווני ני	HaClass=SF	\$26W72	AR4826	Mac.=EAI	Carr.Lon.=245deg	=245deg	H.Ang=76deg	
	18:11:38 18:27:	7:21	c/s=4600 ength=1375A	Qual=01 Code=00	Tot Cts=2.28E+5 Exp #=54704	5 MaxkeV=283 Rast=30"x30"	Flags=M Step=0"	Pitch=+727"	Pitch=+727",Yaw=-594"	
Radio Sweeps Radio Frequenc	eeps Jype/Intensity Frequency(MHz)/Flux(sfu)	fu):	245/150 1415/56 2	695/260	50 1415/56 2695/260 4995/380 8800/440 15400/190	40 15400/190				i

				87/101/28	\$ DOV=209				
Event # = 8509 87/07/28,16:52	99 12 DOY=209	+	SMM Pointing:						
GOES HXRBS 16:52: UVSP 16:20			Peakc/s=90 Wavelength=1375A	Qual=00 Qual=04	Tot Cts=1035 Exp #=54754	MaxkeV=156 Rast=30"x30"	Flags=EN,S Step=0"	Flags=EN,SA,AX Step=0" Pitch=+757",Yaw=-544"	', Үам=-544"
				87/01/29) D0Y=210				
Event # = 851 87/07/29,01:50 Start	0 0 DOY=210 peat	End +ime	SMM Pointing:	N30E13		Pitch=-394", Yaw=+183", Roll=Odeg	=+183", Roll	l=0deg	H.Ang=27deg
GOES 01:39 (HXRBS 01:43:07 (UVSP 02:09	07 01:43:45	02:38 01:44	Importance=C2 Peakc/s=75 Wavelength=2788A	Qual=03 Qual=03	Tot Cts=386 Exp #=54784	MaxkeV=69 Rast=180"x1"	Flags=EG Step=0"	Pitch=-259",Yaw=+360"	', Yaw=+360"
				90/80//8	D0Y=218				
Event # = 2135/ 87/08/06,19:58		.,	SMM Pointing:	S23W05		Pitch=+463", Yaw=-78", Roll=Odeg	=-78",Roll=	:0deg	H.Ang=30deg
GOES 19:47 BCS 19:50	19:58 19:55	20:13 20:03	Importance=B8 CaPeak.c/s=20	Qual=01 Qual= 4	FePeak=19:51	FePeak.c/s=8	-	dt= 7.7s	XEN=721800
P 19:45			Wavelength=2788A	Code=00	Exp #=55027	Rast=0 x0 Rast=243"x243"	Step=0" Step=3"	-:	U.2565/p1xef ",Yaw=-69"
				87/08/02	D0Y=219				
Event # = 8512 87/08/07,08:37 Start	2 7 DOY=219 Peak	Fnd +impo	SMM Pointing:	N06W00		Pitch=+0", Yaw=+	,Yaw=+0",Roll=-20deg	geb	H.Ang=0deg
Optical GOFS O8:32		֓֞֝֝֟֝֝֝֟֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֓֓֡֓֓֡֓֓֡֓֓֡	Tmoontage	\$24W11	AR4835	Mac.=DAI	Carr.Lon.=44deg	44deg	H.Ang=32deg
HXRBS 08:43:25 UVSP 08:11	25 08:44:42	08:45:16	Importance-c4 Peakc/s=51 Wavelength=2788A	Qual=01	Tot Cts=412 Exp #=55042	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=+134",Yaw=+184"	, Yaw=+184"
vent # = 8513 7/08/07,09:59 Start	3 9 D0Y≖219 Peak	End times	SMM Pointing:	NO6WOO		Pitch=+0", Yaw=+0", Roll=-20deg	0", Roll=-20	gebi	H.Ang=Odeg
GOES HXRBS 09:59:07 UVSP 09:46		10:0	Peakc/s=153 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=848 Exp #=55044	MaxkeV=284 Rast=180"x1"	Step=0"	Pitch=+134",Yaw=+184"	, Yaw=+184"
Event # = 8515 87/08/07,13:06 Start Optical		End times	HaClass=SN	S24W13	AR4835	Mac.=DAI	Carr. Lon. =44deg	44deg	H. Ana=33dea
GOES 12:58 HXRBS 13:00:56 UVSP 12:54 		13:06 13:12 13:01:45 13:02:22 	Importance=C4 Peakc/s=95 Wavelength=2788	Qual=01 Qual=01 Code=01 Sociated	Tot Cts=723 Exp #=55048 Event # = 8514	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=+134", Yaw=+184"	, Yaw=+184"
		. 16.39.37	VC/ S=100		101 - 125	maxkev=9/			

Event # = 87/08/07,	21358	D0Y=219		SMM Pointing:	S23W15		Pitch=+458", Yaw	, Yaw=-232", Rol	, Roll=Odeg	H.Ang=33deg
(a)	1 L	14.40	in c illics		\$23W14	AR4835	Mac.=DAI	Carr.Lon.=44deg	=44deg	H.Ang=32deg
SSS SSS	14:42 14:42	14:43	14:47	CaPeak.c/s=18	Qual= 5	FePeak=14:43	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=721900
	14:36			Wavelength=1375A	Code=00	Exp #=55050	Rast=0.x0 Rast=265"x265"	Step=0 Step=5"	cau=.cos 0 Pitch=+465",	0.2505/p1xe1 ", Yaw=-221"
Event # 87/08/0	vent # = 21359 7/08/07,15:28	D0Y=219		SMM Pointing:	S23W15		Pitch=+458", Yaw	,Yaw=-232",Roll=0deg	1=0deg	H.Ang=33deg
Optical	Start	Peak	nd times		\$26W14	AR4835	Mac.=DAI	Carr.Lon.	=43deg	H.Ang=35deg
BCS BCS	15:22 15:27	15:28 15:27	16:15 15:32	Importance=Cb CaPeak.c/s=312	Qual=03 Qual= 5	FePeak≈15:27	FePeak.c/s=57	#Peaks=1	dt= 3.8s	XEN=721901
UVSP	16:09			Wavelength=1375A		Exp #=55051	Kast=U"XU" Rast=265"x265"	Step=0" Step=5"	īΩ	u.zobs/pixel ",Yaw=-233"
Event # 87/08/0	vent # = 21360 7/08/07,16:57	DOY=219	, d	SMM Pointing:	S23W16		Pitch=+458", Yaw	, Yaw=-243", Rol	, Roll=Odeg	H.Ang=33deg
Optical	3tart 16.40	ָ ק			S25W14	AR4835	Mac.=DAI	Carr.Lon.=42deg	=42deg	H.Ang≈34deg
305 205 205 205 205 205 205 205 205 205 2	17:04	17:05	17:06	Importance=cs CaPeak.c/s=151	Qual= 4	FePeak=17:05	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=721902
	17:43			Wavelength=1375A		Exp #=55052	Rast=265"x265"	Step=5"	Pitch=+464"	", Yaw=-245"
Event # 87/08/0	Event # = 21361 87/08/07,17:58	D0Y=219		SMM Pointing:	S23W17		Pitch=+459", Yaw	, Yaw=-256", Roll=Odeg]=0deg	H.Ang=34deg
Optical	start 17.51	reak	nd times		S24W17	AR4835	Mac.=DAI	Carr.Lon.=45deg	=45deg	H.Ang=34deg
388	17:51 17:54	17:58 17:56	18:20 18:05	Importance=t1 CaPeak.c/s=47	(ual≝01 (ual= 1	FePeak=17:56	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=721903
UVSP	17:43			₩avelength=1375A	Code=00	Exp #=55052	Rast=265"x265"	Step=5"	pitch=+464	pitch=+464", Yaw=-245"
Event # 87/08/0	vent # = 8516 7/08/07,19:47	DOY=219	+ 60	SMM Pointing:	S23W18		Pitch=+457", Yaw	, Yaw=-269", Rol	, Roll=Odeg	H.Ang=34deg
Optical	3tai t 10.25	10.47	00.		\$24W17	AR4835	Mac.≖DAI	Carr.Lon.	=44deg	H.Ang=34deg
HXRBS BCS	19:43:50 19:36	19:45:18 19:46	19:48:31 19:52	Peakc/s=151 CaPeak.c/s=789	Qual=01 Qual=01 Qual= 1	Tot Cts=18071 FePeak=19:46	MaxkeV=69 FePeak.c/s=205		dt= 3.8s	XEN=721904
HCS UVSP	19:09			Wavelength=2788A	Code=00	Exp #≈55053	Kast=U~xU~ Rast=180"x1"	Step=0"	cad=.cos 0 Pitch=+336",	1, Yaw=-85"
Event # 87/08/0	vent # = 8517 7/08/07,22:31	D0Y=219	Fnd +imac	SMM Pointing:	S23W19		Pitch=+459", Yaw	, Yaw=-288", Rol	, Roll=Odeg	H.Ang=35deg
Optical	3tai t 22.23	72.31	114 tilles		\$24W18	AR4836	Mac.=DAI	Carr.Lon.=43deg	=43deg	H.Ang=35deg
HXRBS BCS BCS	22:34:22 22:27	22:34:30 22:30	22:34:58 22:40	Peakc/s=72 CaPeak.c/s=49	Qual=01 Qual= 1	Tot Cts=1847 FePeak=22:29	MaxkeV=69 FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=721905
SSA	22:19			Wavelength=2788A	Code=01	Exp #=55055	kast=U xU Rast=180"xl"	Step=0"	cdu=.cos v Pitch=+335",	", Yaw=-109"

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DOY=220 Peak End t 01:34 01:51 01:31:48 01:35 01:33 01:46 01:31:48 01:35 01:47 02:03 DOY=220 Peak End t 01:51:08 01:51 01:53 02:15 01:51:08 01:51 03:41 04:18 03:37 03:55 03:37 03:55 03:55 04:05 Peak End t 03:41 04:18 03:41 04:18 03:55 04:05 05:09 05:20	Event 87/08/	# = 21362 07,23:53	D0Y=219	+ PCD	SMM Pointing:	S23W20		Pitch=+456", Yaw	, Yaw=-298", Roll	, Roll=Odeg	H.Ang=35deg
Maye length=2788A Code=00 Exp #=55056 Rast=180"x1" Step=0" Pitch=+435", Yaw=-121" Pitch=+435", Yaw=-131", Roll=0deg H.Ang=36deg H.Ang=36d	GOES	23:40 23:57	23:53 23:58 23:58	00:21 00:04	Importance=C2 CaPeak.c/s=29	Qual=05 Qual= 4		FePeak.c/s=7		dt= 7.7s	XEN=721906
BY /08/08 DOY=220	UVSP	ı.			Wavelength=2788A			Rast=180"x1"		Pitch=+335	, Yaw=-121"
DOY=220 SMM Pointing: SC3AZI ARA835 Pitch=455", Yaw=-318", Roll-Odeg H.Ang-36deg Peak 01:34 Hancidas H.Ang-36deg H.Ang-37deg H.Ang-37deg 01:33 10:45 CaPeak.C/s=164 Qual = 0. Tot EcaPeak=01:33 Rast=0.80" Feeks=1 Rast=0.80" Step=0" Capeak.C/s=1690 Rast=200.00 Step=0" Capeak.C/s=1690 RAPA72001 01:37 Qual = 0. Exp #=50058 Rast=0.80" As as as as as as as as as as as as as as						87/08/08					
1.54	Event 87/08/	# = 8518 '08, 01:34		•	Pointing	S23W21		Pitch=+455", Yaw	=-318", Rol]≖0deg	H.Ang=36deg
01:33: 48 01:35:11 pmotrancerror (2a-eak.c/s-1do) Qual = 4 Fereak=01:33 Fepeak.c/s-1do) Qual = 4 Fereak=01:33 Fepeak.c/s-1do) Gad=_265 0.2565/pixel Step=00	Optica	ון ון סויוט		CD E	HaClass=1N	\$25W20	AR4835	Mac.=DAI	Carr.Lon.	=44deg	H.Ang=37deg
Wavelength-2788A Code=00 Exp #=5608 Rast=180"x1" Step=0" Pitch=434", Yaw=133" D0Y=220	HXRBS BCS BCS	01:19 01:30:57 01:32	01:33	01:35:11 01:46	<pre>importance=ni Peakc/s=146 CaPeak.c/s=1009</pre>	Qual=05 Qual=02 Qual= 4	Tot Cts=20258 FePeak=01:33	MaxkeV=69 FePeak.c/s=275	_	dt= 3.8s	XEN=722000
01:47 02:03 CaPeak.c/s=48 Qual=5 FePeak=01:47 Rast=0"."XO" Step=0" Cad=.26s 0.256s/pixel 00:4220	UVSP	01:26			₩avelength=2788	7		Rast=180"x1"		pitch=+334	, Yaw=-133"
# 8519 08.01:53 08.01:53 08.01:51 08.01:51:04 08.0220 08.03:41 09.04:220 08.03:41 09.04:220 08.03:41 09.04:220 08.03:41 09.05:22 09.04:52 09.04:52 09.05:22 09.04:02 09.03:33 09.05:22 09.04:02 09.03:33 09.05:22 09.04:22 09.03:34 09.05:22 09.03:34 09.05:22 09.03:35	- 883 - 833	01:47	01:47	02:03	caPeak.c/s=48	Qual= 5		FePeak.c/s=6 Rast=0"x0"	•	ı	XEN=722001 0.256s/pixel
155 156 157	Event 87/08/	# = 8519 08,01:53	D0Y=220	Fod + imag	ŧ	S23W21		Pitch=+455", Yaw	318", Roll	l=0deg	H.Ang=36deg
DOY=220 DOY=220 End times HaClass=1N S24W21 AR4835 Aac.=DAI Carr.Lon.=43deg H.Ang=36deg H.Ang=37deg	GOES HXRBS UVSP	3137 01:51 01:51:01 01:26	01:53 01:51	02:15 01:51:34	Importance=C2 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=1497 Exp #=55058	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=+334'	', Yaw=-133"
03:41 04:18	Event 87/08/	# = 8520 08,03:41	i		Pointing	S23W22		Pitch=+540", Yaw	154", Roll]=-20deg	H.Ang=36deg
03:34:15 03:34 03:39 1 Importance=R2 04a1=01 Tot Cts=46058 Maxkev=127	Optica	Start 02.21	reak	End times	HaClass=1N	\$24W21	AR4835	Mac.=DAI	Carr.Lon.	=43deg	H.Ang≖37deg
04:02 Frequency(MHz)/Flux(sfu): 2695/34 15400/37 Frequency(MHz)/Flux(sfu): 2695/34 15400/37 Frequency(MHz)/Flux(sfu): 2695/34 15400/37 Frequency(MHz)/Flux(sfu): 2695/34 15400/37 Gapeak.c/s=58 Qual= 5 FePeak=03:55 FePeak.c/s=8 #Peaks=1 dt=7.75 XEN=722003 Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel # = 21365 O8:05:12 D0Y=220 Start Peak End times O5:02 O5:12 D0Y=220 O5:02 O5:12 O5:27 CaPeak.c/s=72 Qual=01 Wavelength=2788A Code=00 Exp #=55064 Rast=180"x1" Step=0" Cad=.26s 0.250s/pixel Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel FePeak.c/s=8 #Peaks=1 dt=7.75 XEN=722003 FePeak.c/s=8 #Peaks=1 dt=7.75 XEN=722003 O5:02 O5:12 D0Y=220 O5:02 O5:12 D0Y=220 O5:02 O5:12 D0Y=220 O5:02 O5:12 D0Y=220 O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02 O5:02 O5:02 O5:02 O5:02 O4:02 D1=-204eg H.Ang=37deg O5:02	HXRBS BCS BCS		888	03:39:31 03:55	Importance=nz Peakc/s=566 CaPeak.c/s=1174	Qual=01 Qual=01 Qual= 1	Tot Cts=46058 FePeak=03:37	MaxkeV=127 FePeak.c/s=337		dt= 3.8s	XEN=722002
Tit # = 21365 03:55 03:55 04:05	UVSP Radio	04:02 Frequen	ıcy (MHz) /F		Wavelength=2788A 2695/34 15400/37			Rast=180"x1"		cau=.cos Pitch=+421'	, Yaw=+23"
<pre>1t # = 21365 08/08,05:12</pre>		0	03:55	1	ak.c/s=58	ssociated Qual= 5	Event # = 21364 FePeak=03:55	FePeak.c/s=8 Rast=0"x0"	•	ľ	XEN=722003 0.256s/pixel
State Fear Circ. Common Co	E Õ	# = 21365 08,05:12	DOY=22		i	S23W23		Pitch=+543",Yaw	166", Roll	1=-20deg	H.Ang=37deg
op:11 Wavelength=2788A Code=00 Exp #=55064 Rast=180"x1" Step=0" Pitch=+424"	' ^	05:02 04:53	05:12 05:09		Importance=C2 CaPeak.c/s=72	Qual=01 Qual= 1	FePeak=05:09	FePeak.c/s=15		dt= 7.7s	XEN=722004
	UVSP	••			a)		Exp #=55064	Rast=180"x1"		pitch=+424'	1.0243/pixel , Yaw=+15"

Importance=B7 CaPeak.c/s=20 Wavelength=2788A SMM Pointing: Importance=C1 CaPeak.c/s=55 Wavelength=2788A
SMM Pointing: \$23W26 Importance=C9 CaPeak.c/s=73 (ual= 1 Wavelength=2788A Code=01 2695/15 4995/41 8800/33 Associated CaPeak.c/s=66 (ual= 4 Wavelength=2788A
SMM Pointing: S23W27 S26W26 Importance=C2 Qual=03 CaPeak.c/s=67 Qual= I Wavelength=1375A Code=00
SMM Pointing: \$23W27 HaClass=SN \$25W26 Importance=M1 Qual=05 CaPeak.c/s=199 Qual= 5 Wavelength=1375A 4995/35 8800/33
SMM Pointing: \$23W30 HaClass=SF \$26W28 AR4835 Importance=C1 Qual=O1 CaPeak.c/s=46 Qual= 1 FePeak=17:2 Wavelength=1375A Code=00 Exp #=55082

20:56 20:56 20:56 20:56 20:56 20:57 20:57 20:57 20:57 20:57 20:57 20:57 20:57 20:57	Event 87/08/	# = 21373 /08, 19:00	l l		SMM Pointing:	S23W31		Pitch=+449", Yaw	, Yaw=-446", Rol	, Roll=Odeg	H.Ang=42deg
18:50		3tart 18:53 18:59	19:00 18:59	11,		Qua]=01 Qua]= 5	FePeak=18:59	FePeak.c/s=8	#Peaks=1		XEN=722012
National Color Nati	UVSP	8:5			₩avelength=1375A		Exp #=55088	Rast=30"x30"	Step=0"	က	", Yaw=-421"
103.21.25 20:43 20:56 1	Event 87/08,	# = 8548 /08,20:45	DOY=220	·:	Pointing	S23W31		Pitch=+448", Yaw	/=-456", Rol	1=0deg	H. Ang=42deg
20:37.25 20:43 21:02 Careek.c/s=141 Qual=1 Fepeak=20:43 Fepeak=4 F	Optica	31 20.40	20.4E		HaClass=SF	\$23W30	AR4835	Mac.=DAI	Carr.Lon.	=43deg	H.Ang≈41deg
# 8350 Wavelength=1375A Code=00 Exp #=55096 Rast=30.730 Step=00 Pitch=4408", Yaw=-456", Roll=0deg H.Ang=42deg	HXRBS BCS BCS BCS	20:41: 20:42:	20:42: 20:43:	20:43:42 21:02	Importance-uz Peakc/s=165 CaPeak.c/s=141	Qual=01 Qual=01 Qual= 1	Tot Cts=4140 FePeak=20:43	MaxkeV=69 FePeak.c/s=34	Flags=I #Peaks=1	dt= 3.8s	XEN=722013
## 8550 20.58	SSV	20:39			Wavelength=1375A		Exp #=55096	Kast=30"x30" Rast=30"x30"	Step=10" Step=0"	cad=/b.Us Pitch=+472	8.448s/p1xel ",Yaw=-443"
20:38: 50:38: 47 20:59: 38 PeakC/5-36 Qual-01 Tot Cts=639 Paxkey-69 Flags=I Pitch=+482", Yaw=-435"	vent 7/08	# = 8550 /08,21:00	D0Y=220		Pointing	S23W31		Pitch=+448", Yaw	/=-456", Rol]=0deg	H.Ang=42deg
20:57:45 20:57:56 20:58:03 Peakc/s=68 Qual=01 Tot Cts=83 MaxkeV=69 Flags=I (08.22:25 D0Y=220 (08.22:25 D0Y=220 (08.22:25 D0Y=220 (08.22:25 D0Y=220 (08.22:25 D0Y=220 (08.22:25 D0Y=220 (08.22:25 D0Y=220 (08.22:25 D0Y=221 (08.22:25 D0Y=221 (09.22:20	GOES HXRBS UVSP		Z1:00 20:58:	.na times 21:24 20:59:33	Importance=Cl Peakc/s=100 Wavelength=1375	Qual=03 Qual=01 Code=00	"S. 25.	MaxkeV=69 Rast=30"x30"	Flags=I Step=0"	Pitch=+482	", Yaw=-435"
# 8551 DOY=220 Start Peak Frequency (MHz)/Flux(sfu): 223.43 SMM Pointing: S23W32 Pitch=+4448", Yaw=-468", Roll=Odeg Start Peak	HXRBS	•	20:57:	0:58:03		Ssociated Qual=01	# "S	ı	Flags=I	1 1 1	1
12.213	vent 7/08	# = 855 '08,22:2	D0Y=220		1	S23W32		Pitch=+448", Yaw	/=-468", Rol	1=0deg	H.Ang=43deg
22:22 22:24 3 22:24 3 22:24 3 22:24 3 22:24 3 22:24 3 22:24 3 22:24 3 22:24 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:24 3 22:25 3 22:23 43 43 495/30 8800/51 15400/22 400/	Optica	31 31 22:10	77.75	י ניוובי	HaClass=SF	S24W31	AR4835	Mac.=DAI	Carr.Lon.	=43deg	H.Ang=43deg
22:13 Frequency (MHz)/Flux(sfu): 245/1 410/1 606/3 1415/4 4995/30 8800/51 15400/22 # = 21374 09,01:29 01:24 01:29 01:24 01:29 01:30 01:29 01:30 01:29 01:30 01:29 01:30 01:29 01:30 01:29 01:30 01:31 02:35 01:40 02:30 02:30 02:30 02:30 02:35 03:35 03:3	HXRBS BCS BCS BCS BCS	55:53 55:53 55:53	22:22:4 22:24	22:24:30 22:35	Importance=c3 Peakc/s=72 CaPeak.c/s=145	Qual=01 Qual=03 Qual= 1	Tot Cts=1010 FePeak=22:23	MaxkeV=69 FePeak.c/s=33	Flags=I,E(#Peaks=1	1t= 3.8s	XEN=722014
# = 21374 # = 21374	UVSP Radio		cy (MHz)/F	lux(sfu):	Wavelength=1375A 245/1 410/1 606/:		Exp #=55102 1995/30 8800/51	Rast=0.x0. Rast=30"x30" 15400/22	Step=0"	.7	0.230s/plxel ",Yaw=-454"
# = 21374 3/09,01:29		1 1				87/08/0					
01:24 01:29 01:40 Importance=B7 Qual=01 01:28 01:29 01:31 CaPeak.c/s=25 Qual= 4 FePeak=01:29 FePeak.c/s=10 #Peaks=1 dt= 7.7s 01:28 01:29 01:31 CaPeak.c/s=25 Qual= 4 FePeak=01:29 FePeak.c/s=10 #Peaks=1 dt= 7.7s 01:09 Wavelength=2788A Code=01 Exp #=55116 Rast=243"x243" Step=3" Pitch=+453 8	vent 7/08,	# = 2137 /09,01:29	DOY=221	÷		S23W34		Pitch=+446",Yaw	=-489", Rol	1=0deg	H.Ang=44deg
01:09 Wavelength=2788A Code=01 Exp #=55116 Rast=243"x243" Step=3" Cad=.Lbs	10	01:24 01:28	01:29 01:29	19 I	<pre>Importance=B7 CaPeak.c/s=25</pre>	Qua]=01 Qua]= 4	FePeak=01:29	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=722100
# = 21375 3/09,02:36	UVSP	01:09			Wavelength=2788A		#=5511	Kast=U"XU" Rast=243"x243"	Step=0" Step=3"		0.256s/pixel ",Yaw=-477"
cal	vent 7/08	# = 2137 '09,02:36 Start	D0Y=221	+		S23W34		Pitch=+446", Yaw	=-489", Rol	l=0deg	H.Ang=44deg
02:40 02:47 CaPeak.c/s=31 Qual= 5 FePeak=02:40 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=.26s 02:35 Wavelength=2788A Code=00 Exp #=55117 Rast=180"x1" Step=0" Pitch=+468		3] 02.20	15 can	.57	HaClass=SF	\$23W35	AR4835	Mac.=DKI	Carr.Lon.	=45deg	H.Ang=45deg
02:35 Wavelength=2788A Code=00 Exp #=55117 Rast=180"x1" Step=0" Pitch=+468		02:50		:47	CaPeak.c/s=31	Qual= 5	FePeak=02:40	FePeak.c/s=7		dt= 7.7s	XEN=722101
	UVSP	.:			Wavelength=2788A	Code=00	Exp #=55117	Rast=180"x1"		Pitch=+468	", Yaw=-132"

Event 87/08/	Event # = 21376 87/08/09,03:10	DOY=221	יישוי + רמו	SMM Pointing:	S23W35		Pitch=+590", Yaw	, Yaw=-319", Roll=-20deg	1=-20deg	H.Ang=45deg
Optica	July 1	P COR	וות רוווובא	HaClass=SF	\$24W36	AR4835	Mac.=DKI	Carr.Lon.=	=46deg	H.Ang=46deg
BCS S	03:04	03:08	03:18 03:19	importance=ci CaPeak.c/s=52	(ua)= 1 (ua)= 1	FePeak=03:10	FePeak.c/s=17	#Peaks=1	dt= 7.7s	XEN=722102 0.256s/nixel
UVSP	03:35			Wavelength=2788A		Exp #=55118	Rast=180"x1"	Step=0"	0	', Yaw=-139"
Event 87/08/	# = 8521 09,04:18	D0Y=221		SMM Pointing:	S23W35		Pitch=+590", Yaw=-319", Roll=-20deg	=-319", Rol	1=-20deg	H.Ang=45deg
GOES HXRBS BCS	04:15 04:17:02 04:18	04:17:08 04:17:08 04:19	04:40 04:17:38 04:22	Importance=Cl Peakc/s=74 CaPeak.c/s=27	Qual=01 Qual=01 Qual= 1	Tot Cts=1742 FePeak=04:18	MaxkeV=69 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=722103
UVSP	04:09			Wavelength=2788A	Code≠00	Exp #=55119	Rast=180"x1"	Step=0"	È	", Yaw=-143"
Event 87/08/	vent $\# = 21377$ 7/08/09,06:22	D0Y=221	# + TO	SMM Pointing:	S23W37		Pitch=+595", Yaw	, Yaw=-339", Rol	, Roll=-20deg	H.Ang=46deg
Optica	שלבון הו	reak	בוות רווופ	Ha	S24W37	AR4835	Mac.=DKI	Carr.Lon.≕	=45deg	H.Ang≃47deg
SCS.	06:08 06:12	06:22 06:22	06:30 06:46	importance=uz CaPeak.c/s=91	(ual=01 (ual= 1	FePeak=06:22	FePeak.c/s=27	#Peaks=1	dt= 3.8s	XEN=722104
UVSP	06:45			₩avelength=2788A		Exp #=55122	Rast=180"x1"	Step=0"	5	",Yaw=-159"
Event 87/08/	# = 8552 '09, 12:19	DOY=221	+ 760	SMM Pointing:	S23W39		Pitch=+603", Yaw=-369"	r=-369", Rol	, Roll=-20deg	H.Ang=48deg
GOES HXRBS UVSP Radio	12:17 12:17 12:18:08 12:01 Frequen	Pedk 12:19 12:18:28 cy(MHz)/F	GOES 12:17 12:19 12:23 HXRBS 12:18:08 12:18:28 12:18:43 UVSP 12:01 Radio Frequency(MHz)/Flux(sfu):	Importance=B4 Peakc/s=77 Wavelength=2788A 245/140	Qual=01 Qual=01 Code=01	Tot Cts=422 Exp #=55129	MaxkeV=69 Rast=180"x1"	Flags=I Step=0"	Pitch=+484	Pitch=+484",Yaw=-192"
Event 87/08/	Event # = 8525 87/08/09,13:57	D0Y=221		SMM Pointing:	S23W41		Pitch=+437", Yaw	, Yaw=-569", Roll=0deg	1=0deg	H.Ang=49deg
Optica	Start 11		na times		\$23E81	AR4839	Mac.=HSX	Carr.Lon.=283deg	=283deg	H.Ang=84deg
GOES HXRBS UVSP	13:52 13:54:46 13:34	13:55:38 13:55:38	14:09 13:56:07	Importance=M1 Peakc/s=736 Wavelength=2788A	Qual=01 Qual=03	Tot Cts=14924 Exp #=55131	MaxkeV=249 Rast=180"x1"	Flags=ES Step=0"	Pitch=+319"	", Үаw=-386"
Event 87/08/	vent # = 21378 7/08/09,20:03	D0Y=221	1 6	SMM Pointing:	S27W43		Pitch=-575", Yaw	, Yaw=-494", Rol	, Roll=90deg	H.Ang=53deg
Optica) Start 3] 10.42	20.02	20.17	HaClass=SF	\$25W42	AR4835	Mac.=DKI	Carr.Lon.=42deg		H.Ang≕51deg
S S S S S S S	19	20:03	50:03 50:03	CaPeak.c/s=33	Qual = 1	FePeak=20:02	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=.26s 0	XEN=722105 0.256s/pixel
UVSP	19:58			Wavelength=1375A	Code=00	Exp #=55140	Rast=30"x30"	Step=0"	P1tch=-598	, Yaw=-451

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Event # 87/08/1	vent # = 21381 7/08/10,22:06	D0Y=222	1	SMM Pointing: S	S25E66		Pitch=+441", Yaw=+785", Roll=Odeg	-+785", Roll	-0deg	H.Ang=72deg	
Ontical		Peak	mes		S22E63	AR4839	Mac.=HSX	Carr.Lon.=283deg	283deg	H.Ang=68deg	
	21:27 21:35	22:06 22:05	22:49 22:06	Importance=C4 (CaPeak.c/s=31 (Qual=02 Qual= 4	FePeak=21:37	FePeak.c/s=10 Rast=0"x0"		dt= 3.8s Cad=.26s	XEN=722200 0.256s/pixel	
FCS UVSP Radio	22:39 Frequency(MHz)/Flux(sfu)	:y(MHz)/F]		Wavelength=1375A Exp #=55218 245/8 410/14 606/21 1415/49 4995/16	21 1415/4	Exp #=55218 9 4995/16	=	Step=10"	2	, Yaw=+790"	1
					87/08/11	D0Y=223					1
Event #87/08/1	t = 21382 $t = 11:19$	D0Y=223		SMM Pointing:	S25E59		Pitch=+174",Yaw∍	, Yaw=+844", Roll	, Roll=-20deg	H.Ang=65deg	
Ontica	Start	Peak	End times	Class=1N	\$22E58	AR4839	Mac.=DKI	Carr.Lon.=281deg	281deg	H.Ang=63deg	
GOES BCS	11:05 11:13	11:19 11:18	11:31 11:56	Importance=C3 (CaPeak.c/s=105 (Qua]=04 Qua]= 4	FePeak=11:14	FePeak.c/s=17 Rast=0"x0"		dt= 3.8s Cad=.26s	XEN=722300 0.256s/pixel	
FCS UVSP	11:09			Wavelength=2788A (Code=00	Exp #=55270	Rast=180"x1"	Step=0"	Pitch=+53",	Yaw=+773"	ļ
Event 87/08/	Event # = 21383 87/08/11,22:07	D0Y=223		SMM Pointing:	S25E53		Pitch=+687", Yaw	, Yaw=-458", Roll	, Roll=90deg	H.Ang=61deg	
Ontica	Start	Peak	mes		\$20E48_	AR4839	Mac.=DKI	Carr.Lon.=285deg	585deg	H.Ang=54deg	
GOES BCS BCS	21:45 22:13	22:07 22:1 4	22:48 22:27	Importance=C4 CaPeak.c/s=52	Qual=05 Qual= 4	FePeak=22:14	FePeak.c/s=8	#Peaks=1 Sten=0"	dt= 7.7s Cad=.26s	XEN=722301 0.256s/pixel	
FCS UVSP Radio	22:14 Frequen	22:14 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A Code=02 Exp #=55283 245/16 410/26 606/11 1415/7 2695/11	Code=02 /11 1415/	Exp #=55283 7 2695/11	Rast=280"x280"	_	5	', үаw=+694"	١
					87/08/12	2 D0Y=224					
Event 87/08/	# = 8529 12,04:37	D0Y=224		SMM Pointing:	S25E50		Pitch=+211", Yaw=+777", Roll=-20deg	-+777", Rol	=-20deg	H.Ang=58deg	
GOES HXRBS BCS	Start 04:33 5 04:34:42 04:36	Peak 04:37 04:35:09 04:36	End times 04:40 04:35:40 04:38	Importance=C1 Peakc/s=274 CaPeak.c/s=36	Qual=01 Qual=01 Qual= 1	Tot Cts=2703 FePeak=04:36	MaxkeV=156 FePeak.c/s=9	#Peaks=1 c+en=0"	dt= 7.7s XI	XEN=722400 0.256s/bixel	
FCS UVSP	04:33			Wavelength=1375A	Code=00	Exp #=55316	Rast=30"x30"		Pitch=+228	", Yaw=+758"	1
Event 87/08/	- Table 1	DOY=224	Somit bud	SMM Pointing:	S25E49		Pitch=+217", Yaw=+766", Roll=-20deg	v=+766", Rol	l=-20deg	H.Ang=57deg	
GOES HXRBS UVSP	of:10 06:10 06:11:13 06:07	7648 06:18 3 06:11:40	06:12:19	Importance=B7 Peakc/s=55 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=367 Exp #=55324	MaxkeV=69 Rast=30"x30"	Step=0"	Pitch=+242	Pitch=+242",Yaw=+750"	Į

vent # = 8532 7/08/13,03:06 Start	DOY=225 Peak Fnd times	SMM Pointing:	\$25E38		Pitch=+271",Yaw	, Yaw=+657", Rol	, Roll=-20deg	H.Ang≈49deg
otical	03.06 03.26	HaClass=SF	\$24E27	AR4839	Mac.=DAI	Carr.Lon.=290deg	=290deg	H.Ang=40deg
HXRBS 02:50:36 BCS 02:54 FCS	5 02:51:15 02:52:08 03:01 03:18	Peakc/s=57 CaPeak.c/s=57	Qual=01 Qual=1	Tot Cts≈705 FePeak=02:59	MaxkeV=98 FePeak.c/s=20	#Peaks=1	dt= 7.7s	XEN=722500
	03:01 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 410/18	Code=00	Exp #=55378	Rast=30"x30"	Step=0"	cad=.cos Pitch=+276'	cdd=.cos
Event # = 8533 87/08/13,13:44 Start	DOY=225 Peak End times	SMM Pointing:	S25E32		Pitch=+485", Yav	, Yaw=+454", Rol	, Roll=Odeg	H.Ang=44deg
tical ES 13:30		HaClass=SF Importance=M1	\$23E71 0ual=02	AR4842	Mac.=BX0	Carr.Lon.=240deg	=240deg	H.Ang=75deg
HXRBS 13:37:24 UVSP 13:26 Radio Frequer	13:37:24 13:39:46 13:40:41 13:26 Frequency(MHz)/Flux(sfu):	768	Qual=0. Code=0. 995/43	3 Tot Cts=20653 1 Exp #=55391 8800/74 15400/48	MaxkeV=127 Rast=180"x1"	Flags=ES Step=0"	Pitch=+364"	", Yaw=+384"
Event # = 8534 87/08/13,16:04	DOY=225	SMM Pointing:	S25E31		Pitch=+487", Yaw	, Yaw=+444", Roll	, Roll=Odeg	H.Ang=44deg
Jean Lical Lical	16.04 16.6	Class=1B Class=SF	\$25E29 \$22E71	AR4839 AR4842	Mac.=DAI	Carr.Lon.=281deg Carr.Lon.=239deg		H.Ang=42deg H.Ang=75deg
HXRBS 15:55:52 BCS 15:57	15:56:42 16:01:04 16:02 16:06	Importance-to Peakc/s=93 CaPeak.c/s=180	Qual=03 Qual=01 Qual= 1	Tot Cts=4173 FePeak=15:59	MaxkeV=69 FePeak.c/s=37		dt= 3.8s	XEN=722501
SP 16:01		Wavelength=2788A	Code=00	Exp #=55394	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=.26s 0 Pitch=+366",	0.256s/ptxel ",Yaw=+366"
			87/08/14	t D0Y=226				
ent # = 8535 7/08/14,05:24 Start	26 End +ima	SMM Pointing:	S25E24	ı	Pitch=+346", Yaw=+491", Roll=-20deg	v=+491", Roll	=-20deg	H.Ang=39deg
GOES 05:21 HXRBS 05:21:35 UVSP 05:16 Radio Sweeps	7524 6129 05:22:05 05:29:3 Type/Intensity	Importance=88 Peakc/s=80 Wavelength=2788A III/2	Qual=01 Qual=01 Code=00	Tot Cts=3813 Exp #=55422	MaxkeV=156 Rast=243"x243"	Step=3"	Pitch=+353",Yaw=+503	', Yaw=+503"
ent # = 8536 //08/14,16:13 Start	DOY=226 Peak End times	SMM Pointing:	S25E18		Pitch=+497", Yaw=+261", Roll=Odeg	v=+261", Roll	=0deg	H.Ang=36deg
ES RBS 16:13:25 SP 15:35	16:13:58 16:1	Peakc/s=67 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=148 Exp #=55434	MaxkeV=127 Rast=180"x1"	Step=0"	Pitch=+376"	', Yaw=+195"
ent # = 8537 /08/19,10:31	D0Y=231	SMM Pointing:	87/08/19 S30W13) D0Y=231	Pitch=+565", Yaw	, Yaw=-181", Roll	Roll=Odeq	H.Ang=39deg
_	Peak End times	HaClass=1F	S26W48	AR4839	Mac.=CSO	Carr.Lon.=281deg	.281deg	H.Ang=57deg
GOES 09:3/ HXRBS 10:09:41 Radio Frequen	10:09:3/ 10:31 10:31 10:09:41 10:13:59 10:18:01 Frequency(MHz)/Flux(sfu)·	Importance=c9	Qual=02 Qual=03 5/06 2605		Cts=10743 MaxkeV=127	Flags=M,EN	_	

					87/08/20) D0Y=232				
Event # = 87/08/20,	: # = 8540 3/20,19:00 5+354	DOY=232	omi+ bull	SMM Pointing:	S25W60		Pitch=+677", Yaw	,Yaw=-551",Roll	, Roll=-20deg	H.Ang=67deg
Optical Optical	נמן נ	1 can	ת רווובא		\$32W27 \$30W62	AR4841 AR4839	Mac.=CH0	Carr.Lon.≖242deg Carr.Lon.≖277deg		H.Ang=47deg H.Ang=70deg
HXRBS 18 HXRBS 18 BCS 18 FCS	8:51:17 8:55 8:55	18:58 18:58	19:38 18:54:34 19:03	importance=bo Peakc/s=56 CaPeak.c/s=29	Qual=03 Qual=01 Qual= 4	Tot Cts=1125 FePeak=18:56	MaxkeV=98 FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=.26s	XEN=723200 0.256s/pixel
	00,100				87/08/21	1 D0Y=233				
Event # = 87/08/21	= 22138 ,05:34 ;ert	D0 Y	End +imag	SMM Pointing:	S32W33		Pitch=+579",Yaw	, Yaw=-441", Rol	, Roll=Odeg	H.Ang=50deg
	3tal t 05:27 05:32	05:34 05:32 05:32	<u>ש</u>	Importance=Cl CaPeak.c/s=73	Qual=01 Qual= 5	FePeak=05:32	FePeak.c/s=23	#Peaks=1	dt= 7.7s	XEN=723300
UVSP OF	6:11 Frequen	6:11 Frequency(MHz)/F	Flux(sfu):	Wavelength=2788A 2695/28 4995/64 8	8800/62	Exp #=55567 15400/47	Rast=180"x1"	Step=0"	Pitch=+458	", Yaw=-262"
Event # 87/08/21	= 8541 ,06:05	D0Y=233		SMM Pointing:	S32W33		Pitch=+579", Yaw	, Yaw=-441", Roll=Odeg	1=0deg	H.Ang=50deg
Start GOES 05:54 HXRBS 05:55:4 BCS 05:55	5:54 5:55:46 5:55:46	reak 06:05 05:56:09 06:01	End times 06:13 05:57:00 06:15	Importance=C2 Peakc/s=63 CaPeak.c/s=88	Qual=03 Qual=01 Qual= 1	Tot Cts=401 FePeak=05:59	MaxkeV=69 FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=723301
	06:11 Frequen	uency(MHz)/Flux(-lux(sfu):	Wavelength=2788A 15400/47	Code=02	Exp #=55567	Rast=180"x1"	Step=0"	cau=.203 Pitch=+458	", Yaw=-262"
Event # 87/08/21	= 21385 ,14:52			SMM Pointing:	S32W37		Pitch=+575", Yaw	, Yaw=-491", Rol	, Roll=Odeg	H.Ang=53deg
GOES 14:45 BCS 14:50	4:45 4:50	14:52 14:50 14:50	15:14 14:53	Importance=B5 CaPeak.c/s≈21	Qual=03 Qual= 5	FePeak=14:50	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=723302
7	4:39			Wavelength=2788A	Code=01	Exp #=55569	Rast=180"x1"	Step=0"	4	
Event # 87/08/21	t # = 8542 8/21,22:00	D0Y=233	00 E : + 7 G U	SMM Pointing:	S32W42		Pitch=+720", Yaw=-309", Roll=-20deg	w=-309", Rol	1=-20deg	H.Ang≈56deg
Optical	1.53				N14E79	AR4845	Mac.=HSX	Carr.Lon.=122deg	=122deg	H.Ang=78deg
HXRBS 2 UVSP 2	21:56:16 21:54	5 21:56:52	21:57:40	Peakc/s=85 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=4259 Exp #=55578	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch≃+599"	", Yaw=-126"
	30574				87/08/2	2 D0Y=234				
Event # 87/08/22	= 21380 ,06:44	_ 000 000	Fod + impo	SMM Pointing:	S32W46		Pitch=+565", Ya	, Yaw=-583", Rol	, Roll=Odeg	H.Ang=59deg
GOES O	06:34 06:42	06:44 06:43	07:07 06:46	Importance=B6 CaPeak.c/s=21	Qua]=04 Qua]= 4	FePeak=06:42	FePeak.c/s=11	#Peaks=1	dt= 7.7s X	XEN=723400
	07:19			Wavelength=2788A		Exp #=55588	Rast=180"x1"	Step=0"	Pitch=+444	", Yaw=-403"
					-			The state of the s		

tuc+0		End +	Smr Pointing:	05M26		Pltch=+561", Ya	Pitch=+561",Yaw=-614",Roll=Odeg	ded	H.Ang=61deg
HXRBS 13:36:31 UVSP 13:35	1 13:36:36 1	5 13:36:40	Peakc/s=69 Wavelength=2788A	Qual≖01	Tot Cts=93 Exp #=55594	MaxkeV=582 Rast=180"x1"	Flags=I,NS Step=0" Pi	tch=+440'	Pitch=+440", Yaw=-434"
Event # = 8543 87/08/22,16:48 Start	D0Y=234 Peak	Fnd times	SMM Pointing:	NO7W00		Pitch=+0", Yaw=	Pitch=+0", Yaw=+0", Roll=-20deg	6	H.Ang=Odeg
Optical GOES 16:37		17:41	HaClass=SN Importance=M1	N15E67 Oual=03	AR4845	Mac.=HSX	Carr.Lon.≖123deg	3deg	H.Ang=66deg
HXRBS 16:38:23 UVSP 16:44 Radio Frequenc		7 16:48:48 7ux(sfu):	c/s=283 length=2788/ 360 410/540	Qual=03 Code=00 506/240 1	Tot Cts=27057 Exp #=55598 415/36 2695/16	MaxkeV=127 Rast=180"x1" 4995/31 8800/40	Flags=I,EN Step=0" 15400/50	tch=-121"	Pitch=-121",Yaw=+184"
Event # = 8544 87/08/22,22:09 Start	D0Y=234 Peak	End times	SMM Pointing:	N15E63		Pitch=-464", Ya	Pitch=-464", Yaw=+705", Roll=-20deg	20deg	H.Ang=63deg
GOES HXRBS 22:07:58 UVSP 22:03	22:09:58	22:	Peakc/s=64 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=6162 Exp #=55605	MaxkeV=127 Rast=180"x1"	Flags=M,I,AX Step=0" Pitch=-330",Yaw=+634"	tch=-330"	, Yaw=+634"
				87/08/23	3 D0V=235				
Event # = 21387 87/08/23,02:39 Start	D0Y=235	Fnd times	SMM Pointing:	N15E62		Pitch=-460", Yan	, Yaw=+699", Roll=-20deg	20deg	H.Ang=62deg
Optical GOES 02:18			HaClass=SB	N15E62	AR4845	Mac.=CSO	Carr.Lon.=123deg		H.Ang=61deg
02:54	02:54	03:16		Qual= 5	FePeak=02:56	FePeak.c/s=14			XEN=723500
P 02:54			Wavelength=2788A		Exp #=55611	Rast=0"x0" Rast=15"x15"	= =	Cad=.26s (Pitch=-183",	0.256s/pixel ", Yaw=+814"
Event # = 21388 87/08/23,12:57 Start	D0Y=235 Peak	End times	SMM Pointing:	N15E56		Pitch=-182", Yaw	Pitch=-182", Yaw=+759", Roll=Odeg		H. Ang=55deg
ical S 12:29	12:57		HaClass=SF / Importance=C2	N15E58 Oual=03	AR4845	Mac.=CSO	Carr.Lon.=121deg		H.Ang=57deg
BCS 12:44 FCS UVSP 13:08	12:51		8	Qual= 4	FePeak=12:47 Exp #=55619	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 dt= Step=0" Cad Step=0" Pit	dt= 7.7s) Cad=.26s (Pitch=-47",)	XEN=723501 0.256s/pixel ,Yaw=+683"
Event # = 21389 87/08/23,23:11 Start	D0Y=235 Peak	Fnd times	SMM Pointing:	N15E51		Pitch=-409", Yaw	,Yaw=+612",Roll=-20deg		H.Ang≈51deg
		.35		N14E50 0ual=05	AR4845	Mac.=CS0	Carr.Lon.≖123deg		H.Ang=50deg
23:15	23:16 23:36		CaPeak.c/s=593	(ual= 4	FePeak=23:15	FePeak.c/s=57	#Peaks=1 dt=	dt= 3.8s X	(EN=723502
UVSP 23:11 Radio Frequency(MHz)/Flux(sfu):	'v(MH2)/F]		Wavelength=2788A Code=02 Exp	20de=02	Exp #=55632	Rast=180"x1"		cad= 800S 8 Pitch=-268".	860.48/plxe! ',Yaw=+529"

Event 87/08/	Event # = 21390 87/08/23,23:53	D0Y=235		SMM Pointing: N	N15E50		Pitch=-403", Yaw=+602", Roll=-20deg	-+602", Roll		H.Ang=50deg
GOES BCS	Start 23:53	Peak 23:53	End times 00:10	(CaPeak.c/s=29	Qual=00 Qual= 5	FePeak=23:57	FePeak.c/s=10		dt= 7.7s) Cad= 26s (XEN=723503 0.256s/pixel
FCS UVSP	60:00			Wavelength=2788A		Exp #=55633	Rast=180"x1"		75	, Yaw=+524"
					87/08/24	D0Y=236				
Event 87/08/	# = 8545 24,07:32	D0Y=236	1	SMM Pointing:	N15E45		Pitch=-166", Yaw=+654", Roll=Odeg	=+654", Roll		H.Ang≖45deg
GOES HXRBS UVSP	Start 0ES 07:30 XRBS 07:29:51 VSP 07:59	Peak 07:32 07:30:23	End times 07:37 07:30:48	Importance=B4 Peakc/s=55 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=215 Exp #=55641	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=-31", Yaw=+578"	Yaw=+578"
Event 87/08/	# = 8546 '24,08:05	D07=236		SMM Pointing:	N15E45		Pitch=-166", Yaw	, Yaw=+654", Roll=0deg	l=0deg	H.Ang≃45deg
GOES HXRBS UVSP	Start 60ES 08:00 (HXRBS 08:02:50 (UVSP 07:59	Peak 08:05 08:02:56	End times 08:12 08:03:07	Importance=86 Peakc/s=56 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=98 Exp #=55641	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=-31",	, Yaw=+578"
Event 87/08/	Event # = 21391 87/08/24,22:31	D0Y=236		SMM Pointing:	N15E38		Pitch=-338", Yaw	, Yaw=+473", Rol	, Roll=-20deg	H.Ang≖38deg
Ontic	Start	Peak	End times	Class=1B	N15E39	AR4845	Mac.=CS0	Carr.Lon.=122deg	=122deg	H.Ang=39deg
GOES	22:21 22:48	22:31 22:49	23:26 22:59		Qua]=05 Qua]= 4	FePeak=22:50	FePeak.c/s=15	#Peaks=1	dt= 7.7s X Cad=.26s 0	XEN=723600 0.256s/pixel
FCS UVSP Radio	22:44 Frequen	22:44 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 410/16 1415/19 2695/53 4995/82	595/53 49	Exp #=55658 95/82	Rast=180"x1"		Pitch=-200"	, Yaw=+394"
					87/08/25	5 D0Y=237				
Event 87/08	Event # = 21392 87/08/25,05:50	D0Y=237		SMM Pointing:	N15E33		Pitch=-151",Yaw	, Yaw=+505", Roll=Odeg]=0deg	H.Ang=34deg
Optic	Start	Peak	End times	HaClass=1N	N16E33	AR4845	Mac.=DRI	Carr.Lon.=124deg		H.Ang=34deg
GOES BCS SCS	05:38 05:43	05:50 05:48	06:01 06:02	Importance=uz CaPeak.c/s=47	Ųuai≖04 Quai= 1	FePeak=05:48	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=.26s	XEN=723700 0.256s/pixel
UVSP Radio		05:58 Frequency(MHz)/Flux(sfu)	-lux(sfu):	Wavelength=2788A 606/1	Code=02	Exp #=55666	Rast=180"x1"	Step=0"	Pitch=-16"	, Yaw=+427"
					87/08/26	6 D0Y=238				
Event 87/08	Event # = 21393 87/08/26,00:53	1	-	SMM Pointing:	N15E23		Pitch=-255", Yaw=+290", Roll=-20deg	#=+290", Rol]=-20deg	H.Ang=24deg
Optic	Start	Peak	End times	HaClass=1B	N13E22	AR4845	Mac.=8X0	Carr.Lon.=124deg	=124deg	H.Ang≈22deg
GOES BCS UVSP	00:42 00:49 00:40	00:53 00:51	01:12 00:53	Importance=uz CaPeak.c/s=64 Wavelength=1375A	Qual=02 Qual= 1 Code=00	FePeak=00:51 Exp #=55693	FePeak.c/s=18 Rast=30"x30"	#Peaks=1 Step=0"	dt= 7.7s Pitch=-209	dt= 7.7s XEN=723800 Pitch=-209", Yaw=+219"

			77/08/27	7 DAV=230				
			10010					
27,14:31 D07=239 Start Peak End	S times	SMM Pointing:	N15E02		Pitch=-136",Ya	', Yaw=-9", Roll=-20deg	-20deg	H.Ang≖8deg
1] 14:26 14:31 14:3		HaClass=SF	N14E03	AR4845		Carr.Lon.=122deg	-122deg	H.Ang=8deg
HXRBS 14:26:59 14:29:05 14:30:14 UVSP 14:30 Radio Frequency(MHz)/Flux(sfu):	4	Mpvelength=2788A Wavelength=2788A 245/70 410/27	Qual=01 Qual=01 Code=00	Tot Cts=1620 Exp #=55809	MaxkeV=69 Rast=180"x1"	Flags=I Step=O"	Pitch=+1",Yaw=-88"	Yaw=-88"
Even+ # = 0FE3			87/08/3	1 D0Y=243				
DOY=243 Peak		SMM Pointing:	N15W02		Pitch=-113", Ya	, Yaw=-74", Roll=	, Roll=-20deg	H.Ang≖8deg
GOES 21:51 21:57 22:05 HXRBS 21:51:38 21:53:29 21:53:49 UVSP 21:10		Importance=B9 Peakc/s=64 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=523 Exp #=55912	MaxkeV=69 Rast=21"x243"	Step=3"	"/+	, Yaw=+12"
Even+ # - 05EA			87/09/0	1 D0Y=244				
7 - 0334 /01,14:42 D0Y=244 Start Peak	Hes	SMM Pointing:	S22E82		Pitch=+47", Yaw	, Yaw=+948", Roll=-20deg	-20deg	H. Ang=85deg
XRBS 14:42:39 VSP 14:26	35	Peakc/s=63 Wavelength=2788A	Qual=01	Tot Cts=864 Exp #=55928	MaxkeV=390 Rast=180"x1"	Flags=NS Step=0"	Pitch=-74"	, Yaw=+877"
Event # = 21394 87/09/01,15:50 DOY=244 Start Peak End t	imes	SMM Pointing:	\$22E82		Pitch=+47", Yaw	, Yaw=+948", Roll=-20deg	-20deg	H.Ang=85deg
15:30 15:50 16:1		tance=C7	\$26E59	AR4848	Mac.=AXX	Carr.Lon.=360deg	360deg	H.Ang=66deg
16:05 1		CaPeak.c/s=56	Qual= 4	FePeak=16:06	FePeak.c/s=9			XEN=724400
UVSP 16:01 Radio Sweeps Type/Intensi		Wavelength=2788A III/2		Exp #=55930	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-74",	1.024s/pixel Yaw=+877"
Radio Frequency(MHz)/Flux(sfu)		5/6 410/23 1415/46 2695/41	/46 2695/	41 8800/36				
vent #			87/09/03	D0Y=246				
9/03,15:42 D0Y=246 Start Peak End	SMM	M Pointing:	S20E51		Pitch=+132",Yaw	, Yaw=+786", Roll=-20deg	=-20deg	H.Ang=57deg
:30 15:42 15:5		HaClass=1F Importance=Cl	S21E52 0ual=01	AR4849	Mac.=DA0	Carr.Lon.=340deg	340deg	H.Ang≕58deg
15:42 15:43 15:4			Qual= 1	FePeak=15:42	FePeak.c/s=17		it= 7.7s	XEN=724600
UVSP 16:06	Have	velength=2788A		Exp #=55980	Rast=180"x1"	Step=0" F	Cad=.26s Pitch=+14",	0.256s/pixel Yaw=+711"
Vent # = 855			87/09/04	D0Y=247				
87/09/04,09:15 D0Y=247 Start Peak End ti	SMM	Pointing:	S20E41		Pitch=+405", Yaw=+591", Roll=0deg	=+591", Roll=	.0deg	H. Ang=49deg
GOES HXRBS* 09:15:19 09:15:50 09:16:17 UVSP 09:22	:17 Peak. Wave	c/s=366 ength=2788A	Qua]=06 Qua]=01	Tot Cts=3246 Exp #=55996	MaxkeV=95 Rast=180"x1"	Step=0" P	Pitch=+287",Yaw=+5 <u>1</u> 5"	, Yaw=+515"

				87/09/05	D0Y=248				
Event # = 8661 87/09/05.00:21	D0Y=248			S20E33		Pitch=+417", Yaw	, Yaw=+486", Roll	, Roll=Odeg	H.Ang=42deg
Start Optical	Peak	i me		\$25E32	AR4849	Mac.=EAI	Carr.Lon.	=342deg	H.Ang=45deg
GOES 00:12 HXRBS 00:17:44 BCS 00:15	00:21 00:18:13 00:21	01:01 00:20:24 00:31	Importance=C3 Peakc/s=77 CaPeak.c/s=148		Tot Cts=1530 FePeak=00:20	œ	Flags=I #Peaks=1 Step=0"	dt= 3.8s Cad=.26s	XEN=724800 0.256s/pixel
			Wavelength=2788A	Code=01	Exp #=56013	=	Step=0"	Pitch=+296	, Yaw=+416"
Event # = 8556 87/09/05,15:11	1	· ·	SMM Pointing:	S20E25		Pitch=+269",Yaw	, Yaw=+504", Rol	, Roll=-20deg	H.Ang=37deg
Start HXRBS 15:11:15 UVSP 15:13	Peak i 15:11:20	End times J 15:12:13	Peakc/s=73 Wavelength=2788A	Qual=01	Tot Cts=428 Exp #=56029	MaxkeV=353 Rast=180"x1"	Flags=NS Step=0"	Pitch=+150"	', Yaw=+426"
				20/60/28	7 D0Y=250				
Event # = 8583 87/09/07,07:38	_		SMM Pointing:	\$22E03		Pitch=+464",Yaw	, Yaw=+49", Roll	, Roll=Odeg	H.Ang=29deg
Star	Peak	times		\$23E08	AR4849	Mac.=EAI	Carr.Lon.=336deg	=336deg	H.Ang=31deg
GÓES 07:35 HXRBS 07:35:28 BCS 07:36	07:38 3 07:36:22 07:37	07:51 07:37:54 07:44	<pre>Importance=C3 Peakc/s=197 CaPeak.c/s=159</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=3810 FePeak=07:37	MaxkeV=98 FePeak.c/s=37 Pac+=0''×0''	Flags=I #Peaks=1 Sten=O"	dt= 3.8s X0 Cad=.26s 0	XEN=725000 0.256s/pixel
	ıcy (MHz)/	08:03 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 8800/51 15400/33		Exp #=56071	Rast=180"x1"	Step=0"	Pitch=+344	", Yaw=+227"
Event # = 21396 87/09/07 07:54	1_		SMM Pointing:	S22E03		Pitch=+464", Yaw	, Yaw=+49", Roll	, Roll=Odeg	H.Ang=29deg
Start	Peak	End times	Ha Class=SN	S24E06	AR4849	Mac.=EAI	Carr.Lon.	=338deg	H.Ang=32deg
GOES 07:51 BCS 07:53	07:54 07:53	08:00 07:55	Importance=89 CaPeak.c/s=19	Qual=01 Qual= 5	FePeak=07:53	FePeak.c/s=7	#Peaks=1 Sten=0"	dt= 7.7s X Cad=.26s 0	XEN=725001 0.256s/pixel
FCS UVSP 08:03			Wavelength=2788A	Code=02	Exp #=56071	Rast=180"x1"	Step=0"		", Yaw=+227"
Event # = 2139 87/09/07,10:47	7 DOY=250	1 1	SMM Pointing:	\$22E02		Pitch=+428",Ya	, Yaw=+182", Ro	, Roll=-20deg	H.Ang=29deg
Start GOES 10:40 BCS 10:43	Peak 10:47 10:45	11:09 10:56	Importance=89 CaPeak.c/s=27	Qual=01 Qual= 1	FePeak=10:45	FePeak.c/s=8	#Peaks=1 Sten=0"	dt= 7.7s X Cad= 26s 0	XEN=725002 0.256s/pixel
FCS UVSP 11:11			Wavelength=2788A		Exp #=56075	Rast=180"x1"	Step=0"		ı", Yaw=+359"
Event # = 8557 87/09/07,12:05	D0Y=250	3	SMM Pointing:	\$22E01		Pitch=+433", Ya	, Yaw=+170", Roll=-20deg	11=-20deg	H.Ang=29deg
<i>)</i> , ,	J :	7 Ta C		\$24E02	AR4849	Mac.=EAI	Carr.Lon.=339deg	•=339deg	H.Ang=31deg
GOES 11:56 HXRBS 11:59:3 BCS 12:01	3 12:01 12:04	:27 12:05:56 12:25	Peakc/s=232 CaPeak.c/s=192	Qual=01 Qual= 1	Tot Cts=11389 FePeak=12:03	MaxkeV=98 FePeak.c/s=50 Rast=0"x0"			dt= 3.8s XEN=725003 Cad=.26s 0.256s/pixel
	incy (MHz),	11:48 Frequency(MHz)/Flux(sfu):	Wavelength=2788A Code=01 Exp #=56076 1415/10 2695/8 4995/18 8800/38 15400/27	4 Code=01 1995/18 8{	Exp #=56076 300/38 15400/27	Rast=180"x1"			2", Yaw=+354"

This will be the companies of the state of the companies

6:44 Capeak.c/s=31 Mavelength=2788A and times HaClass=5F B:50 CaPeak.c/s=21 Wavelength=2788A HaClass=5F Importance=C1 SMM Pointing: Ind times Mavelength=2788A Wavelength=2788A	Event # = 21398 87/09/07,16:19 DOY=250 Start Peak Optical GOES 15:59 16:19	End times	SMM Pointing: HaClass=SN Importance=C3	\$22W01 \$24W00 0ual=05	AR4849	Pitch=+442", Yaw=+145", Roll=-20deg Mac.=EAI Carr.Lon.=339deg	w=+145",Roll=-2]=-20deg =339deg	H.Ang=29deg H.Ang=31deg
times SMM Pointing: S22W02	16	4.	CaPeak.c/s=31 Wavelength=2788A	Qual= 5	FePeak=16:35 Exp #=56082	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"			XEN=725004 0.256s/pixel ,Yaw=+317"
Carr.Lon.=340deg	ш	time	₩.S	S22W02		Pitch=+453", Yaw	v=+124", Roll=-2	20deg	H.Ang≈29deg
sity: Wavelength=2788A Code=01 Exp #=56085 Rast=20"x0" Step=0" Cad=-26s Rast=24"x243" Step=3" Pitch=+458		200		\$24W02 Qual=02 Qual= 2	AR4849 FeDeak=18.50	Mac.=EAI FeDeak c/e=8	Carr. Lon.	2	H.Ang≈31deg ven-725005
SAMP Pointing: S22W03	ıţ.	sity	Wavelength=2788A V/1		Exp #=56085	Rast=243"x243"	Step=0" Step=3"	d=.26s tch=+458"	Acn=/23003 0.256s/pixel ,Yaw=+132"
HaClass=5F S22W03 AR4849 Mac.=EAI Carr.Lon.=340deg Juai	<u> </u>	time	SMM Po	S22W04		Pitch=+465", Yaw	/=-54", Roll=0de		H.Ang=29deg
37 Peak.c.C/s=62 Qual=01 Tot Cts=367 RasteV=69 CaPeak.c/s=48 Qual=1 FePeak=19:56 Rast=180"x1" Step=0" Cad=_26s Wavelength=2788 Code=01 Exp #=56086 Rast=180"x1" Step=0" Pitch=+344 SWM Pointing: S22W04 AR4849 Mac.=EAI Carr.Lon.=340deg CaPeak.c/s=19 Qual=01 FePeak=21:40 FePeak.c/s=8 #Peaks=1 dt= 7.7s Wavelength=2788 Exp #=56087 Rast=180"x1" Step=0" Pitch=+344 SMM Pointing: S22W05 Exp #=56087 Rast=180"x1" Step=0" Cad=_26s Wavelength=2788 Exp #=56087 Rast=180"x1" Step=0" Pitch=+344 SMM Pointing: S22W05 Exp #=56087 Rast=180"x1" Step=0" Cad=_26s Wavelength=2788 Exp #=56088 Rast=180"x1" Step=0" Pitch=+344 B7/09/08 D0Y=251 Pitch=+464", Yaw=-106", Roll=0deg HaClass=5F S23W07 Pitch=+464", Yaw=-106", Roll=0deg HaClass=5F S23W07 Rast=180"x1" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Cad=_26s Rast=180"x1" Step=0" Cad=_26s Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+344 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348 Rast=0"x0" Step=0" Pitch=+348	· ~	24	Ha	\$22W03	AR4849	Mac.=EAI	Carr.Lon.=340		H.Ang≈29deg
Mavelength=2788A Code=01	:02	15	Peakc/s=62 CaPeak.c/s=48		Tot Cts=367 FePeak=19:56	MaxkeV=69 FePeak.c/s=11 Rast=0"x0"			XEN=725006
SMM Pointing: S22W04			e]e		Exp #=56086	Rast=180"x1"		4	, Yaw=+131"
Importance=B7	_	+	SMM Pointing	S22W04		Pitch=+465", Yaw	=-67", Roll=0de		H.Ang=30deg
CaPeak.c/s=19 Qual= 1 FePeak=21:40 FePeak.c/s=8 #Peaks=1 dt= 7.7s Wavelength=2788A Exp #=56087 Rast=180"x1" Step=0" Cad=.26s Rast=0.x0" Step=0" Cad=.26s Rast=180"x1" Step=0" Cad=.26s Rast=180"x1" Step=0" Cad=.26s Wavelength=2788A Qual=01 SMM Pointing: S22W07 SMM Pointing: S22W07 SMM Pointing: S22W07 SMM Pointing: S22W07 SMM Pointing: S22W07 SMM Pointing: S22W07 SMM Pointing: S22W07 SAM Pointing: S22W07 SAM Pointing: S22W07 SAM Pointing: S22W07 SAM Pointing: S22W07 SAM Pointing: S22W07 SAM Pointing: S22W07 Wavelength=2788A Code=00 Exp #=56093 Rast=180"x1" Step=0" Cad=.26s Rast=180"x1" Step=0" Cad=.26s Rast=180"x1" Step=0" Cad=.26s Rast=180"x1" Step=0" Pitch=+343"	• • •	:43	Importance=87	\$22W04 Qual=01	AR4849	Mac.=EAI	Carr.Lon.=340		H.Ang=30deg
SMM Pointing: S22W05 Pitch=+465", Yaw=-80", Roll= Importance=B8	7	4.	.c/s=19 ngth=2788A	Qual= 1	FePeak=21:40 Exp #=56087	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"		= 7.7s) d=.26s (tch=+344",	XEN=725007 0.256s/pixel ,Yaw=+118"
Importance=B8		9	Pointing	S22W05		Pitch=+465", Yaw	=-80", Roll=0de		H. Ang=30deg
#avelength=27884 Exp #=56088 Rast=180"x1" Step=0"	122	2		Qua]=01 Qua]= 4	FePeak=23:27	FePeak.c/s=8		(57.7 =	KEN=725008
SMM Pointing: S2W07 times HaClass=SF S23W06 AR4849 Mac.=EKI Carr.Lon.=339deg 37 CaPeak.c/s=44 Qual= 1 FePeak=03:34 FePeak.c/s=9 #Peaks=1 dt= 7.7s Mavelength=2788A Code=00 Exp #=56093 Rast=180"x1" Step=0" Pitch=+343"			elen		Exp #=56088	Rast=0"x0" Rast=180"x1"		J=.26s (tch=+344",).256s/pixel ,Yaw=+105"
times HaClass=SF S23W06 AR4849 Mac.=EKI Carr.Lon.=339deg 53 Importance=C1 Qual= 1 FePeak=03:34 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=.26s Wavelength=2788A Code=00 Exp #=56093 Rast=180"x1" Step=0" Pitch=+343"				87/09/08					
HaClass=SF S23W06 AR4849 Mac.=EKI Carr.Lon.=339deg Importance=C1 Qual=04 37 CaPeak.c/s=44 Qual= 1 FePeak=03:34 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=.26s Wavelength=2788A Code=00 Exp #=56093 Rast=180"x1" Step=0" Pitch=+343"	Ü	time	Poi	S22W07		Pitch=+464", Yaw	=-106", Roll=0d		l.Ang=30deg
37	Ö	53	HaClass=SF	\$23W06	AR4849	Mac.=EKI	Carr. Lon. =339		I.Ang=31deg
elength=2788A Code=00 Exp #=56093 Rast=180"x1" Step=0" Pitch=+343"	0	37	CaPeak.c/s=44	Qual= 1	FePeak=03:34	FePeak.c/s=9		7.7s x	(EN=725100
			elength=2788A	Code=00	Exp #=56093	Rast=180"x1"		i=.cos cch=+343",	7aw=+65"

Event # = 21403 87/09/08,08:42 Start Optical GOES 08:37 BCS 08:40 UVSP 09:10	3 DOY=251 Peak 08:42 08:40	End times 08:47 08:40	SMM Pointing: HaClass=SF Importance=C2 CaPeak.c/s=57 Wavelength=2788A	\$22W10 \$22W10 Qual=01 Qual= 6	AR4849 FePeak=08:40 Exp #=56100	Pitch=+463", Yaw= Mac.=EKI FePeak.c/s=13 Rast=180"x1"	,Yaw=-158",Roll=Odeg Carr.Lon.=34Odeg 13 #Peaks=1 dt= 7.7s " Step=0" Pitch=+34	=0deg H.Ang=31deg 340deg H.Ang=31deg dt= 7.7s XEN=725101 Pitch=+342", Yaw=+18"
Event # = 8560 87/09/08,13:22 Start Optical GOES 13:19 HXRBS 13:20:01 BCS 13:21 FCS	DOY=251 Peak 13:22 13:20:26	End times 13:26 13:21:06 13:23	SMM Pointing: HaClass=SF Importance=B8 Peakc/s=55 CaPeak.c/s=30 Wavelength=2788A	\$22W13 \$21W10 Qual=01 Qual=1 Qual= 1	AR4849 Tot Cts=352 FePeak=13:21 Exp #=56105	Pitch=+462", Yaw: Mac.=EKI MaxkeV=69 FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	,Yaw=-197",Roll=Odeg H Carr.Lon.=337deg H 14 #Peaks=1 dt= 7.7s X Step=0" Cad=.26s 0 " Step=0" Pitch=+341",	H.Ang=32deg H.Ang=30deg XEN=725102 0.256s/pixe1 1", Yaw=-12"
Event # = 8561 87/09/08,16:21 Start Optical GOES 16:17 HXRBS 16:18:26	DOY=251 Peak 16:21 6 16:19:29	End times 16:25 16:19:40	SMM Pointing: HaClass=SF Importance=B6 Peakc/s=51	NO7W00 S24W13 Qual=01 Qual=01	AR4849 Tot Cts=269	Pitch=+0", Yaw=+0", Roll=Odeg Mac.=EKI Carr.Lon.=3 MaxkeV=69)",Roll=Odeg Carr.Lon.=339deg	H.Ang=Odeg H.Ang=34deg
Event # = 8562 87/09/09,00:20 Start GOES HXRBS 00:20:55 UVSP	D0Y=252 Peak End t 5 00:20:59 00:21	End times	Peakc/s=68	87/09/09 Qual=00 Qual=01) D0Y=252	MaxkeV=69	Pitch=-121"	1", Yaw=+184"
Event # = 12762 87/09/09,08:40 Start HXRBS 08:40:25 UVSP 08:43	72 0 00Y=252 Peak 15 08:40:28	End times 3 08:41:05	SMM Pointing: Peakc/s=62 Wavelength=2788A	\$22W23 Qual=01	Tot Cts=215 Exp #=56118	Pitch=+547", Yaw MaxkeV=468 Rast=180"x1"	,Yaw=-169",Roll=-20deg Flags=NS,GB step=0" Pitch=+428"	H.Ang=37deg .8", Yaw=+9"
Event # = 21404 87/09/09,11:56 Start GOES 11:39 BCS 11:52 FCS 11:43	74 D0Y=252 Peak 11:56 11:52	End times 12:26 11:56	SMM Pointing: Importance=B6 CaPeak.c/s=20 Wavelength=1375A	\$22W25 Qual=03 Qual= 1 Code=00	FePeak=11:55 Exp #=56128	Pitch=+554", Yaw FePeak.c/s=11 Rast=0"x0" Rast=30"x30"	,Yaw=-192",Roll=-20deg H 11 #Peaks=1 dt= 7.7s X Step=0" Cad=.26s 0 " Step=0" Pitch=+560",	H.Ang=38deg XEN=725200 0.256s/pixel 50", Yaw=-232"
Event # = 8563 87/09/09,17:37 Start GOES 17:34 HXRBS 17:35:29 UVSP 17:31	3 7 DOY=252 Peak 17:37 29 17:35:36	End times 17:41 6 17:35:47	SMM Pointing: Importance=B4 Peakc/s=89 Wavelength=1375A	\$22W28 Qual=01 Qual=01 Code=00	Tot Cts=394 Exp #=56156	Pitch=+567", Yaw MaxkeV=69 Rast=30"x30"	Pitch=+567", Yaw=-237", Roll=-20deg MaxkeV=69 Rast=30"x30" Step=0" Pitch=+57	=-20deg H.Ang=40deg Pitch=+572",Yaw=-255"

Pritch=805, Yaw=3175, Roll=20deg HANG-8648 HAC-8EK1 HANG-8648 HAC-8EK1 HANG-8648 HANG-86					87/09/10	0 D0Y=253				
14:17 14:59	vent #									
Ha(184.59 Ha(184.59 Ac.=EKI Carr.Lon.=342deg Ha(184.59 Qual=1 FePeak=14:15 FePeak.c/s=9 Qual=1 FePeak=14:15 FePeak.c/s=9 Pereks:1 GaPeak.c/s=29 Qual=1 FePeak=14:15 FePeak.c/s=9 Pereks:1 GaPeak.c/s=19 Qual=1 FePeak=14:15 FePeak.c/s=9 Pereks:1 GaPeak.c/s=19 Qual=1 FePeak=10:15 FePeak.c/s=19 Pitch=+435 Paks:1 GaPeak.c/s=19 Qual=1 FePeak=00:58 Rast=180°x1" Step=0" Cad=.258 Paks:1 GaPeak.c/s=19 Qual=1 FePeak=00:58 Rast=180°x1" Step=0" Pitch=+431 Paks:1 GaPeak.c/s=19 Qual=1 FePeak=00:58 Rast=180°x1" Step=0" Pitch=+318 Paks:1 GaPeak.c/s=19 Qual=1 FePeak=00:58 Rast=180°x1" Step=0" Pitch=+318 Paks:1 GaPeak.c/s=19 Qual=0 FePeak.c/s=19 Pitch=+430", Vaw=-646", Roll-odeg Paks:1 GaPeak.c/s=9 Paks:1	, , ,		End	SMM Pointing:	S22W39		Pitch=+605",Ya	w=-375",Rol]=-20deg	H.Ang=48deg
	Optical GOFS 14:1	14.1	4	HaClass=SF	\$22W41	AR4849	Mac.=EKI	Carr. Lon.	=342deg	H.Ang=50deg
Wavelength=2788A Exp #=56200 Rast=180"XI Step=0" Cad=-285 Rast=-280"XI Step=0" Cad=-285	14	5 14:1	4	Capeak.c/s=29	Qual= 1	FePeak=14:15	FePeak.c/s=9	#Peaks=1		XEN=725300
SZ2W45 D0Y=254	14:	33		_	سن	Exp #=56200	Rast=U"xU" Rast=180"x1"	Step=0" Step=0"	ĽΣ	0.256s/pixel ',Yaw=-196"
D0Y=254 The drimes and times and times are larged as a consistent and a c		707			87/09/1					
00:59 01:21 mcs Importance=B7	- Ö	D0Y=2	4	SMS	S22W45		Pitch=+435", Ya	w=-624", Rol	1=0deg	H.Ang=53deg
DOY=254 End times HaClass= F S22W47	GOES 00:3 BCS 00:5 ECS 00:5	18 00:59 17 00:58	<u> </u>		Qual=01 Qual= 1	FePeak=00:58	FePeak, c/s=7	#Peaks=1	dt= 7.7s	XEN=725400
DOY=254 End times HaClass=1F S22W47 Peak End times HaClass=1F S22W47 AR4849 Hac.=EAO Carr.Lon.=340deg O4:23 O4:23 O4:51 Importance=C2 Qual=01 DOY=254 Exp #=56213 Bast=180"x1" Pitch=+430", Yaw=-646", Roll=0deg Hac.=EAO Carr.Lon.=340deg O4:23 O4:24 DAY=256 Qual=01 Tepeak=04:19 Rast=180"x1" Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Peak Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=+430", Yaw=-645", Roll=-20deg Pitch=+430", Yaw=-510", Roll=-20deg Peak 13:22 13:23 Bayelength=2788A DOY=254 Avaelength=2788A DOY=254 Avaelength=2788A DOY=254 Bayelength=2788A DOY=254 Avaelength=2788A DOY=254 Bayelength=2788A Avaelength=2788A Bayelength=2788A Avaelength=2788A Bayelength=2788A Avaelength=2788A Bayelength=2788A Avaelength=2788A Bayelength=2788A	UVSP 00:3	5				Exp #=56208	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=+311'	0.256s/pixel ,Yaw=-442"
Haclass=IF S22W47 AR4849 Hac.=EA0 Carr.Lon.=340deg Haclass=IF S22W47 AR4849 Hac.=EA0 Carr.Lon.=340deg Haclass=IF S22W47 AR4849 Hac.=EA0 Carr.Lon.=340deg Haclass=IF S22W47 AR4849 Hac.=EA0 Step=0" Pitch=+308 Haclass=IF S22W47 AR4849 FePeak.c/s=I4		DOY=2	F.	S. E.	S22W47		Pitch=+430", Yav	w=-646", Rol	l=0deg	H.Ang=54deg
04:28	Optical		, :	HaClass=1F	S22W47	AR4849	Mac.=EAO	Carr.Lon.	=340deg	H.Ang=55deg
DOY=254 End times Importance=84 Qual=01 Tot Cts=1340 MaxkeV=187 Step=0" Cad=1.02s Peak 13:59 Peakc/s=64 Qual=01 Tot Cts=1340 MaxkeV=187 Step=0" Pitch=+308	8CS 04:1	245		CaPeak.c/s=59	Qual= 1	FePeak=04:19	FePeak.c/s=14		dt= 7.7s	XEN=725401
DOY=254 End times 13:42 13:59 Mavelength=2788A DOY=254 End times SMM Pointing: S22W52 DOY=254 End times SMM Pointing: S22W49 End times BOY=254 End times SMM Pointing: S22W49 End times BOY=254 End times SMM Pointing: S22W49 Exp #=56225 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=157 Maxkev=69 Flags=N, Gam=-720", Roll Rast=243"x243" Maxev=720", Roll Rast=243"x243" Maxev=720", Roll Rast=243"x243" Maxev=69 Flags=1 Rast=0"x0" Maxev=69 Flags=1 Rast=0"x0" Maxev=69 Flags=1 Rast=0"x0" Maxev=69 Flags=1 Rast=0"x0" Rast=265"x265" Step=0"	JVSP 04:4	;				#=5621	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=+308"	1.024s/pixel ,Yaw=-466"
13:21:17 13:23:35 Peakc/s=64 Qual=01 Tot Cts=1340 Maxkev=187 13:21:17 13:23:35 Peakc/s=64 Qual=01 Tot Cts=1340 Maxkev=187 13:21:17 13:23:35 Peakc/s=64 Qual=01 Tot Cts=65 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=265", Yaw=-672", Roll Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=180"x1" Step=0" 100Y=254 Rast=265"x265 Step=0" 100Y=254 Rast=265"x265" Step=0" 100Y=254 Rast=265"x265" Step=0"	vent # = 8 37/09/11,13 Star	DOY=25	4 + imo	SMM	S22W52		Pitch=+635", Yaw	v=-510", Roll	I=-20deg	H.Ang≈59deg
3 00%=254 End times Peakc/s=61 Qual=01 Tot Cts=67 MaxkeV=157 Flags=NS,G Wavelength=2788A End times Peak End times Peak End times HaClass=SF S2W54 Peak End times HaClass=SF SAW54 Peak	30ES 13:2 1XRBS 13:2 1VSP 14:0	13:21	13:59 7 13:23:35	Impor Peak. Wavel		Tot Cts=1340 Exp #=56225	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=+515"	, Yaw=-331"
2 16:27:15 16:27:20 Wavelength=2788A Exp #=56228 Rast=243"x243" Step=3" DOY=254 SMM Pointing: S22W54 Peak End times HaClass=SF S2LW55 AR4849 Mac.=EAO Carr.Lon.= 18:20 18:43 Importance=C2 Qual=01 Tot Cts=8840 MaxkeV=69 Flags=I 18:16 18:27 CaPeak.c/s=60 Qual=1 FePeak=18:16 FePeak.c/s=15 #Peaks=1 18:16 18:27 CaPeak.c/s=60 Qual=0 Exp #=56229 Rast=265"x265" Step=5"	vent # = 1 37/09/11,16 Star	DOY=25	4	SMM	S22W49		Pitch=+426", Yaw	v=-672", Rol1	=0deg	H. Ang=56deg
DOY=254 SMM Pointing: S22W54 Pitch=+419",Yaw=-720",Roll Peak End times HaClass=SF S21W55 AR4849 Mac.=EAO Carr.Lon.= 18:20 18:43 Importance=C2 Qual=01 Tot Cts=8840 MaxkeV=69 Flags=I 5 18:08:54 18:17:36 Peak.c./s=66 Qual=01 FePeak=18:16 FePeak.c/s=15 #Peaks=1 18:16 18:27 CaPeak.c/s=60 Qual= 1 FePeak=18:16 Rast=0"x0" Step=0" Wavelength=1375A Code=OO Exp #=56229 Rast=265"x265" Step=5"	IXRBS 16:2 IVSP 16:2	2 16:27		Peak Wave			MaxkeV=157 Rast=243"x243"	Flags=NS,6 Step=3"	iB Pitch=+433"	, Yaw=-660"
HaClass=SF S21W55 AR4849 Mac.=EA0 Carr.Lon.= 18:20 18:43 Importance=C2 Qual=01 5 18:08:54 18:17:36 Peakc/s=66 Qual=01 Tot Cts=8840 MaxkeV=69 Flags=I 18:16 18:27 CaPeak.c/s=60 Qual= 1 FePeak=18:16 FePeak.c/s=15 #Peaks=1 Rast=0"x0" Step=0" Wavelength=1375A Code=00 Exp #=56229 Rast=265"x265" Step=5"	vent # = 8 37/09/11,18 Star	DOY=25 Peak	Fnd	Pointing	S22W54		Pitch=+419", Yaw	/=-720", Roll	=0deg	H.Ang=61deg
\$ 17:59:35 18:08:54 18:17:36 PeakC/s=66 Qual=01 Tot Cts=8840 MaxkeV=69 Flags=I l8:11 18:16 18:27 CaPeak.c/s=60 Qual= I FePeak=18:16 FePeak.c/s=15 #Peaks=1 Rast=0".c/s=15 #Peaks=1 l8:10 Avelength=1375A Code=00 Exp #=56229 Rast=265"x265" Step=5"	ptical 0ES 18:0		8:43	HaClass=SF Importance=C2	\$21W55 0ual=01	AR4849	Mac.=EA0	Carr.Lon.=	:340deg	H.Ang=61deg
18:00 Havelength=1375A Code=00 Exp #=56229 Rast=265"x265" Step=5"	5 17	35 18:08: 18:16	4 18:17:36 18:27	Peakc/s=66 CaPeak.c/s=60	Qual=01 Qual= 1	Tot Cts=8840 FePeak=18:16	MaxkeV=69 FePeak.c/s=15		dt= 7.7s	XEN=725402
	18	0		Wavelength=1375A		Exp #=56229	Kast=U"xU" Rast=265"x265"		Cad=.26s Pitch=+426"	0.256s/plxel ,Yaw=-708"

					87/09/12	00Y=255				
Event # 87/09/12	t # = 8567	DOY=255		SMM Pointing:	S22W60		Pitch=+647", Yaw=-583"	=-583", Roll	, Roll=-20deg	H.Ang=66deg
	Start	Peak	End times	יניייייייייייייייייייייייייייייייייייי	COULCO	00000	. UVIII ~ ~ X	Carr Ion =340ded	.340den	μ Δηα≡68deα
Optical GOES HXRBS CS	06:35 06:36:50 06:41	06:45 06:37:26 06:43	07:18 06:37:59 06:50	hac.dass=1r Importance=C1 Peakc/s=112 CaPeak.c/s=43	36.3#06 Qual=01 Qual=01 Qual= 1	AR4049 Tot Cts=4421 FePeak=06:42	MaxkeV=127 FePeak.c/s=11	#Peaks=1	7s	XEN=725500
	06:26	!		₩	Code=01	Exp #=56241	Rast=0"x0" Rast=180"x1"		Cad=.26s 0 Pitch=+527",	0.256s/pixel ",Yaw=-405"
Event # 87/09/12	$\frac{*}{12,12:11} = \frac{21408}{12}$	D0Y=255		SMM Pointing:	S22W64		Pitch=+650", Yaw	, Yaw=-609", Roll	, Roll=-20deg	H.Ang=69deg
	Start	reak	шes		\$23W66	AR4849	Mac.=EA0	Carr.Lon.=341deg	=341deg	H.Ang=71deg
SCS SCS SCS SCS SCS SCS SCS SCS SCS SCS	12:02 12:09	12:11 12:09	12:21 12:10	Importance=UI CaPeak.c/s=22	(ual=02 (ual= 8	FePeak=12:09	FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=725501
, ,	12:07			Wavelength=2788A	Code=00	Exp #=56248	Rast=180"x1"	Step=0"	Ō.	", Yaw=-427"
					1/60//8	3 DOY=256				
Event # 87/09/1	= 21409 3,07:40	D0Y=256	1 :	SMM Pointing:	S22W73		Pitch=+653",Yaw	, Yaw=-664", Rol	, Roll=-20deg	H.Ang=77deg
GOES	Start 07:31 07:39	07:40 07:39	07:57 07:43	Importance=B8 CaPeak.c/s=22	Qua]=04 Qua]= 5	FePeak=07:39	FePeak.c/s=9	#Peaks#1	dt= 7.7s	XEN=725600
	07:33			Wavelength=2788A	Code=00	Exp #=56268	Rast=U XU Rast=180"X1"	Step=0"	cau20s Pitch=+531	", Yaw=-487"
Event # 87/09/1	= 21410 3,08:06	DOY=256	1	SMM Pointing:	S22W73		Pitch=+653", Yaw=-664", Roll=-20deg	v=-664", Rol	1=-20deg	H.Ang=77deg
GOES	Start 07:57 08:03	Peak 08:06 08:04	End times 08:20 08:08	Importance=88 CaPeak.c/s=20	Qual=01 Qual= 4	FePeak=08:03	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=725601
	08:31			Wavelength=2788A		Exp #=56269	Rast=180"x1"	Step=0"	pitch=+531	
Event # 87/09/13	= 8568 3,12:16	1	1	SMM Pointing:	S22W75		Pitch=+652", Yaw=-674"	v=-674", Rol	, Roll=-20deg	H.Ang=79deg
GOES HXRBS UVSP	Start 12:11 12:21:22 12:16	Peak 12:16 : 12:21:4	12:29 12:22:22	Importance=B4 Peakc/s=74 Wavelength=2788A	Qual=05 Qual=01 Code=02	Tot Cts=3095 Exp #=56274	MaxkeV=218 Rast=180"x1"	Flags=I Step=0"	Pitch=+530	Pitch=+530",Yaw=-498"
Event # 87/09/1	.3, 15:38	1	9	SMM Pointing:	S22W79		Pitch=+375", Yaw=-869", Roll=Odeg	4=-869",RoT]=0deg	H.Ang=82deg
GOES HXRBS UVSP	3tart 15:31 15:31:12 15:23	15:38 15:42:3	15:44 0 15:46:	Importance=B4 Peakc/s=57 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=5605 Exp #=56278	MaxkeV=127 Rast=180"x1"	Step=0"	Pitch=+254	Pitch=+254",Yaw=+184"
					-					

2				87/09/14	14 D0Y=257				
.vent # = 85/1 ?/09/14,13:41 Start	00Y=257	Fnd + impo	SMM Pointing:	S25W26		Pitch=+605", Yaw=-185", Roll=-20deg	aw=-185", Roll]=-20deg	H.Ang=41deg
GOES 13:34 HXRBS 13:30:59 UVSP 13:22 Radio Sweeps	13:41 13:35:04 Type/1	.41 13:52 :35:04 13:36:57 Type/Intensity:	Importance=82 Peakc/s=65 Wavelength=2788A III/1 V/2	Qual=01 Qual=01 \ Code=01	Tot Cts=1700 Exp #=56301	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=+484", Yaw=-1"	', Yaw=-1"
Ven+ # = 9509				87/09/17	.7 D0Y=260				
87/09/17,11:26 Start	DOY=260 Peak	End times	SMM Pointing:	S31W18		Pitch=+636", Yaw=-39", Roll=-20deg	1W=-39", Roll=	20deg	H.Ang=42deg
Optical GOES 11:20			HaClass=SF Importance=B2	S33W19 Oual=01	AR4853	Mac.=CSO	Carr.Lon.=229deg	:229deg	H. Ang=44deg
.RBS 11:28:44 .SP 11:26	11:29:02	11:29:33	Peakc/s=64 Wavelength=2788A	-	Tot Cts=295 Exp #=56377	MaxkeV=98 Rast=180"x1"	Flags=I Step=0"	Pitch=+518", Yaw=+139"	, Yaw=+139"
Event # = 8572 87/09/17,13:29 Start	DOY=260 Peak	End times	SMM Pointing:	S31W19		Pitch=+641", Yaw=-49", Roll=-20deg	W=-49", Roll=		H. Ang=42deg
GOES HXRBS 13:29:01 UVSP 13:35	. 13:29:04	13:29:19	Peakc/s=600 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1331 Exp #=56380	MaxkeV=583 Rast=180"x1"	Flags=M,AX Step=0" P	Pitch=-121",Yaw=+184"	, Yaw=+184"
Event # = 8573 87/09/17,20:20 Start	D0Y=260 Peak	End times	SMM Pointing:	S31W23		Pitch=+581", Yaw=-321", Roll=Odeg	w=-321", Roll:		H.Ang=44deg
Optical GOES 20:06	20:20	20:3	HaClass=SF Importance=C2	\$27E63	AR4856		Carr.Lon.=142deg		H.Ang=70deg
RBS 20:09:03 SP 19:52	20:10:12	20:14:00	Peakc/s=62 Wavelength=2788A	Qual=01	Tot Cts=1600 Exp #=56386	MaxkeV=69 Rast=180"x1"	Step=0" F	Pitch=+460",Yaw≕-136"	, Yaw=-136"
on+ # = 2522				87/09/28	8 D0Y=271				
87/09/28,22:09 Start	D0Y=271 Peak	End times	SMM Pointing:	N07W00		Pitch=-1",Yaw=+0",Roll≈-20deg	+0", Roll≈-20c		H.Ang=Odeg
GOES HXRBS 22:09:18 UVSP 21:17	22:09:26	22:09:52	Peakc/s=152 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=616 Exp #=56710	MaxkeV≂218 Rast=21"x243"	Step=3" P	Pitch=+7",Yaw=+12	3W=+12"
n+ # = 9590				87/09/30) D0Y=273				
87/09/30,04:56 Start	D0Y=273 Peak	End times							
HXRBS 04:54:34 UVSP 04:41	04:56:28 04:59:49		Peakc/s=56 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1895 Exp #=56747	MaxkeV=69 Rast=180"x1"	Step=0" P	Pitch=+7",Yaw=+16"	w=+16"

		7/10/04 DOV=277			
0600					
Event # = 8590 87/10/04,22:17 DOY=277	SMM Pointing:	N30E11	Pitch=-413",Yaw	Pitch=-413", Yaw=+25", Roll=-20deg	H.Ang=26deg
art Peak	HaClass=SF	N29E09 AR4860	Mac.=EAI	Carr.Lon.=330deg	H.Ang=24deg
GOES 22:10 22:17 22:34 HXRBS 22:11:14 22:11:20 22:13:09 BCS 22:14 22:14 22:20	Importance=B/ Peakc/s=50 CaPeak.c/s=24	Qua =U1 Qua =01 Tot Cts=412 Qua = 1 FePeak=22:14	MaxkeV=69 FePeak.c/s=10	#Peaks=1 dt= 7.7s Sten=0" Cad=.26s	XEN=727700 0.256s/pixel
FCS UVSP 21:54	Wavelength=2788A	Code=00 Exp #=56872	Rast=243"x243"		6", Yaw=+37"
		87/10/05 D0Y=278			
Event # = 8660 87/10/05,21:38 DOY=278	SMM Pointing:	S20W24	Pitch=+519",Yaw	, Yaw≕-202", Roll=-20deg	H.Ang=35deg
Peak	HaClass=SB	N35E32 AR4862	Mac.=BX0	Carr.Lon.=295deg	H.Ang=41deg
GOES 21:30 21:38 21:4/ HXRBS 21:28:47 21:32:47 21:40:05 UVSP 21:27 Radio Frequency(MHz)/Flux(sfu):	Importance=L2 Peakc/s=93 Wavelength=2788A 245/230 410/150 6	Importance=L2	MaxkeV=157 Rast=243"x243"	Flags=I Step=3" Pitch=+527"	7", Yaw=-190"
		87/10/07 DOY=280			
Event # = 8593 87/10/07.00:57 DOY=280	SMM Pointing:	N30W17	Pitch=-276",Yaw=-363"	/=-363", Roll=-20deg	H.Ang=28deg
Peak	Ħa.	N13E16 AR4862	Mac.=CRO	Carr.Lon.=296deg	H.Ang=17deg
GOES 00:52 00:57 01:16 HXRBS 00:53:47 00:54:13 00:54:41 UVSP 00:58 Radio Frequency(MHz)/Flux(sfu):	Importance=88 Peakc/s=72 Wavelength=2788A 245/4900	Qual=03 Qual=01 Tot Cts=2668 Code=02 Exp #=56925	MaxkeV=98 Rast=180"x1"	Step=0" Pitch=-140"	О", Үаw=-185"
		87/10/09 DOY=282			
Event # = 8594 87/10/09.02:30 D0Y=282	SMM Pointing:	N32W06	Pitch=-416",Yav	Pitch=-416", Yaw=-91", Roll=Odeg	H.Ang=26deg
Start	HaClass=SF	N32W09 AR4862	Mac.=BX0	Carr.Lon.=293deg	H.Ang=27deg
GDES 02:19 02:30 02:38 HXRBS 02:22:54 02:23:12 02:25:42 UVSP 03:11 Radio Frequency(MHz)/Flux(sfu):	Importance=B5 Peakc/s=78 Wavelength=2788A 245/180	Qual=02 Tot Cts=1131 Exp #=56980	MaxkeV=127 Rast=180"x1"	Flags=SA,AX Step=0" Pitch=-283",Yaw=+87"	13", Yaw=+87"
		87/10/10 D0Y=283			
D0Y=283	SMM Pointing:	N21E77	Pitch=-321",Ya	Pitch=-321",Yaw=+874",Roll=Odeg	H.Ang=75deg
Start Peak End Cines 60ES 02:27 02:33 02:56 HXRBS 02:28:18 02:28:34 02:28:54 BCS 02:31 02:31 02:34	Importance=B7 Peakc/s=51 CaPeak.c/s=18	Qual=04 Qual=01 Tot Cts=217 Qual= 5 FePeak=02:33	MaxkeV=69 FePeak.c/s=7 Rast=0"x0"		dt= 7.7s XEN=728300 Cad=.26s 0.256s/pixel
FCS UVSP 02:44	Wavelength=2788A	Exp #=57006	Rast=180"x1"	Step=0" Pitch=-18	35", Yaw=+800"

xp xp xp xp xp xp xp xp xp xp xp xp xp x					87/10/11	11 00V=284				
00:10 00:10	# = 8596 11,00:10 Start	D0Y=28 Peak	Fnd times	SMM Pointing	N21E65		Pitch=-303", Ya	w=+817", Ro]]=0deg	H. Ang=65deg
DOY-284	00:06 00:07:2 00:09 23:44	00:10 00:07:4 00:09	5 00:08:25 00:11		Qual=01 Qual=01 Qual= 1		MaxkeV=69 FePeak.c/s=9 Rast=180"x1"	#Peaks=1 Step=0"		XEN=728400 7", Yaw=+741"
16:00:57 16:01:24 PeakC/s=12s Qual=01 Tot Cts=1130 Maxe9/a69 Flags=NS.GB 10:00:57 16:01:24 Wavelength=2788A Exp #=57043 Rast=180"x1" Step=0" Pitch=-155 10:09-285 End times	= 8597 1,16:00 Start		End time	SMM Pointing	N21E56		Pitch=-290", Ya	W=+747", Rol]=0deg	H.Ang=56deg
Pitch=-275", Yaw=+636", Roll=0deg Pitch=-275", Yaw=+636", Roll=0deg Peak	16:00:3 16:25	1	16:01:24			Tot Cts=1130 Exp #=57043	MaxkeV=469 Rast=180"x1"	Flags=NS, Step=0"	GB Pitch=-155	,Yaw=+671
DOY=285 End times	= 1276	P			87/10/1					
12:39:41 12:39:34 PeakC/5=49 Qual=01 Tot Cts=32	2,12:39 Start	D0Y=285 Peak	Fnd time	Pointing	N21E45		Pitch=-275",Ya	⊬=+636", Rol	1=0deg	H.Ang=46deg
Poy-285 End times	12:39:4 12:49	0	12:39:44	Peakc/s=49 Wavelength=2788A		Tot Cts=32 Exp #=57064	Rast=180"x1"	Flags=NS, Step=0"	GB Pitch=-14]	", Yaw=+560"
22:16 22:28	= 2141 2,22:16 Start	⊢	Fig	SMM Pointing	N21E40		Pitch=-270", Yav	v=+576", Rol]=0deg	H.Ang=41deg
22:15	22:11		22.28	HaClass=SN	N22E42	AR4866	Mac.=EKI	Carr.Lon.	=192deg	H. Ang=44deg
Cy (MHz)/Flux(sfu): 245/74 Exp #=57076 Rast=180"x1" Step=0" Cad=-26s Rast=180"x1" Step=0" Cad=-26s Rast=180"x1" Step=0" Cad=-26s Rast=180"x1" Step=0" Pitch=-136 Rast=180"x1" Step=0" Pitch=-126	22:1		:18		Qual= 1	FePeak=22:15	FePeak.c/s=13			XEN=728500
DOY=286 End times	22:14 Frequer	ıcy (MHz)/F		Wavelength=2788A 245/74	Code=00	Exp #=57076	Rast=0"x0" Rast=180"x1"		9	0.256s/pixel ", Yaw=+501"
DOY=286 Peak End times HaClass=SF AlasE29 AR4866 Ac.=CK0 Carr.Lon.=192deg And Solution and S	- 9500				87/10/1					
21:30	2,21:30 start	DOY=28 Peak	time	Pointing	N21E27		Pitch=-259",Yaw	/=+413", Rol	1=0deg	H.Ang=30deg
21:26:07 21:26:20 Peakc/s=69 Qual=01 Tot Cts=190 MaxkeV=69 Wavelength=2788A 87/10/14 D0Y=287 D0Y=287 Exp #=57101 Rast=180"x1" Step=0" Pitch=-125" 87/10/14 D0Y=287 Peak O7:12 O7:12:26 O7:12:35 Peakc/s=69 Qual=01 Tot Cts=187 Wavelength=2788A Code=00 Exp #=57131 Rast=243"x243" Step=3" Pitch=+345" D0Y=287 Mavelength=2788A Code=00 Exp #=57145 Rast=180"x1" Step=0" Pitch=-1125" Potch=+339", Yaw=+256", Roll=90deg Pitch=+339", Yaw=+256", Roll=90deg Pitch=-253", Yaw=+230", Roll=0deg Pitch=-253", Yaw=+230", Roll=0deg Potch=-125" Potch=-125" Potch=-125" Potch=-125" Potch=-125" Potch=-125" Potch=-139", Yaw=+256", Roll=90deg Potch=-125" Potch=-125	1:25	21:30	21:45	Class=SF	N18E29	AR4866	Mac.=CK0	Carr.Lon.=	=192deg	H.Ang=31deg
DOY=287 SMM Pointing: N21E22 Pitch=+339", Yaw=+256", Roll=90deg Peak End times 07:12:26 07:12:26 07:12:35 Peakc/s=69 Wavelength=2788A Code=00 Exp #=57131 Tot Cts=187 Maxkev=69 Rast=243"x243" Step=3" Pitch=+345" DOY=287 Peak End times Peak End times Wavelength=2788A Code=00 Exp #=57131 Roll=05 Repeak.c/s=5 #Peaks=1 Gt= 7.7s Peak.c/s=5 #Peaks=1 Gt= 7.7s Peaks=1 Gt	11:25:48 11:48	3 21:26:07	21:26:20	c/s=69 length=2788A	Qual=01	Tot Cts=190 Exp #=57101	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=-125"	", Yaw=+334"
DOY=287 Peak End times O7:12:26 07:12:35	0090 -				87/10/1					
07:14 07:20	- 00000 1,07:14 Start	DOY=2		۵	N21E22		Pitch=+339", Yaw	=+256", Roll	l=90deg	H.Ang=26deg
DOY=287 Peak End times Qual=00 19:53 19:55 CaPeak.c/s=21 Qual= 5 FePeak=19:53 FePeak.c/s=5 #Peaks=1 dt= 7.7s Wavelength=2788A Exp #=57145 Rast=180"x1" Step=0" Pitch=-119"	7:12 7:12:14 06:31	07:14 07:12:2	07:20 07:12:35	Importance=B3 Peakc/s=69 Wavelength=2788A	Qual=01 Qual=01 Code=00		MaxkeV=69 Rast=243"x243"	Step=3"	Pitch=+345"	', Yaw=+268"
Qual=00 19:53 19:55	= 21412 ,19:53 tart	DOY Pea	times	Pointing:	N21E15		Pitch=-253", Yaw	=+230", Roll	=0deg	H.Ang=21deg
	9:5 9:4	:5	:55			FePeak=19:53 Exp #=57145	FePeak.c/s=5 Rast=180"x1"		dt= 7.7s Pitch=-119"	XEN=728700 , Yaw=+160"

				87/10/15	D0Y=288				
rent # = 8601 7/10/15,11:12	D0Y=288		SMM Pointing:	N21E07		Pitch=-251",Yav	, Yaw=+107", Roll	,Roll=Odeg	H.Ang=16deg
Start	Ψ	nd times		N18E05	AR4866	Mac.=CKI	Carr.Lon.=195deg	=195deg	H.Ang≕13deg
s 11:05 11:07:11 11:07	11:12 11:07:40 11:12	11:32 11:12:45 11:20	Importance=C5 Peakc/s=349 CaPeak.c/s=250	Qual=01 Qual=01 Qual= 1	Tot Cts=10353 FePeak=11:11	MaxkeV=98 FePeak.c/s=66 Rast=0"x0"		dt= 3.8s Cad=.26s	XEN=728800 0.256s/pixel
11:29			Wavelength≖2788A		Exp #=57161	Rast=180"x1"	Step=0"	r	', Yaw=+28"
				87/10/16	D0Y=289				
/ent # = 8602 //10/16,06:26	D0Y=289	Ē	SMM Pointing:	N21W03		Pitch=-252",Ya	,Yaw=-54",Roll=Odeg	=0deg	H.Ang≖16deg
Start Feak 06:22 06:28:06:23:01 06:18 Frequency (MHz)	reak 06:26 06:23: y(MHz)	End Cimes 06:30 06:23:48 lux(sfu):	Importance=B9 Qual=03 Peakc/s=62 Qual=01 Tot Cts=362 Wavelength=13/5A Code=00 Exp #=5/197 410/40 1415/44 2695/28 4995/19 8800/24	Qual=03 Qual=01 Code=00 595/28 499	Tot Cts=362 Exp #=57197 15/19 8800/24	MaxkeV=69 Rast=30"x30"	Step=0"	Pitch=-228"	', Үаw=-76"
Event # = 8603 87/10/16,09:19	D0Y=289		SMM Pointing:	N21W05		Pitch=-252",Ya	,Yaw=-80",Roll=Odeg	=0deg	H.Ang=16deg
Start	Peak	Jes Jes	HaClass=SF	\$24W24	AR4870	Mac.=DSO	Carr.Lon.=212deg	=212deg	H.Ang=38deg
GÖES 09:15 09:19 09:29 HXRBS 09:16:21 09:16:48 09:19:5 UVSP 09:28 Radio Frequency(MHz)/Flux(sfu)	09:19 09:16:48 cy(MHz)/F	89 :	Importance=C2 (Peakc/s=88 (Wavelength=2788A (1415/20 2695/25	Qual=01 Qual=01 Code=02	Tot Cts=1820 Exp #=57206	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=-118"	", Үам=-159"
# = 21413 /16,10:33		1 7 7	SMM Pointing:	N21W06		Pitch=-252", Ya	, Yaw=-94", Roll=Odeg	=0deg	H.Ang≃16deg
Start 10:27 10:36	10:33 10:36 10:36	10:43 10:38	Importance=89 CaPeak.c/s=21	Qual=01 Qual= 5	FePeak=10:36	FePeak.c/s=6	#Peaks=1 Sten=0"	dt= 7.7s Cad=,26s	XEN=728900 0.256s/pixel
11:01			Wavelength=2788A		Exp #=57208	Rast=180"x1"	Step=0"	Pitch=-118	8", Yaw=-173"
Event # = 8604 87/10/16,15:07	D0Y=289		SMM Pointing:	N21W08		Pitch=-254", Ya	, Yaw=-133", Rol	, Roll=Odeg	H.Ang≐17deg
Start al	Pe :	End time	HaClass=SF	N17W07	AR4866	Mac.=EKI	Carr.Lon.=192deg	=192deg	H.Ang=13deg
15:02 15:04:31 15:06	15:04:5 15:06:5	9 15:05:31 15:09	Importance=b/ Peakc/s=259 CaPeak.c/s=25	Qual=01 Qual= 5	Tot Cts=3282 FePeak=15:06	MaxkeV=98 FePeak.c/s=9	#Peaks=1 Sten=0"	dt= 7.7s Cad=,26s	XEN=728901 0.256s/pixel
FCS UVSP 14:45 Dadio Sweens Type/I	Tvpe/	ntensity:	Wavelength=2788A V/1		Exp #=57213	Rast=180"x1"	Step=0"		", Yaw=-203"
Frequer	ıcy (MHz)/	/Flux(sfu):	5/43 2695/36	4995/41					
ent # = 21414 //10/16,17:19	D0Y=289	3	SMM Pointing:	N21W09		Pitch=-254",Ya	, Yaw=-146",Roll=Odeg	11=0deg	H.Ang=18deg
Start 17:05 17:11	17:19 17:13 17:13	17:51 17:21 17:21	Importance=C1 CaPeak.c/s=24	Qual=03 Qual= 4	FePeak=17:11	FePeak.c/s=8	#Peaks=1	dt= 7.7s Cad= 26s	XEN=728902 0.256s/pixel
17:18			Wavelength=2788A	Code=00	Exp #=57216	Rast=180"x1"	Step=0"	1)", Yaw=-224"
								Ī	

xp xp xp xp xp xp xp xp xp xp xp xp xp x					87/10/17	7 D0Y=290				
Peak End times	vent ; 7/10/:		_	f .	N21W25		Di+ch=_263" Va	-1100 "385"	2000.	11 Acc-2004
22:43	Start		End time				ricci203 , 18	W=-500, K0113	=uaeg	H.Ang=29deg
22:40:15 22:42:40 Peak,C/s=68 Qual=01 Tot Cts=3970 Naxkave69 Flags=I Pitch=-129 B07=291	22:36		22:	HaClass=1N HaClass=SF Importance=C8	\$25W39 \$29W67 0ual=01	AR4870 AR4769	Mac.=DS0	Carr.Lon.=2 Carr.Lon.=2		H.Ang=49deg H.Ang=73deg
BY/10/18 DOV=291 Pitch=-265", Yaw=-436", Roll=Odeg	22:36 23:09	22:40:1	5 22:42	Pea	Qual=01	Tot Cts=2970 Exp #=57284	MaxkeV=69 Rast=180"x1"		itch=-129"	, Yaw=-211
DOY-291 DOY-292 End times HaClass=SN N21W29 Pitch=-265", Yaw=-436", Roll-Odeg Pitch=-265", Yaw=-436", Roll-Odeg Pitch=-265", Yaw=-436", Roll-Odeg Pitch=-265", Yaw=-436", Roll-Odeg Pitch=-265", Yaw=-436", Roll-Odeg Pitch=-252 Pitch=-139 Pitch=-272 Pitch=-139 Pitch=-272 Pitch=-139	1070 - # + conj				87/10/1					
05:24	87/10/18,05:31 Start		+- 		N21W29		Pitch=-265", Ya	w=-436", Roll=	.0deg	H.Ang=32deg
05:24:04 05:24:55 Peakc/s=62 Quai=0] Tot Cts=3792 Feekex.c/s=8 Feekex.nc de=262 Step=0" Cad=262 Step=0" Step=0" Cad=262 Step=0" Step=0" Cad=262 Step=0" Cad	Optical 50ES 05:21		_	HaClass=SN	N22W27	AR4866	Mac.=DAI	Carr.Lon.=1	91deg	H.Ang=31deg
DOY=291 Mayelength=1375A Code=00 Exp #=57316 Rast=30"x0" Step=0" Cad==26s Pitch=-255 DOY=291	05:23: 05:26	05:24 05:29	05:24: 05:31	Peakc/s=62 CaPeak.c/s=31	Qual=01 Qual= 3	Tot Cts=3792 FePeak=05:26	MaxkeV=69 FePeak.c/s=8			XEN=729100
DOY=291 Peak	JVŠP 05:24			Wavelength=1375A		Exp #=57316	Rast=0"x0" Rast=30"x30"		2	0.256s/pixel ,Yaw=-408"
17:52 18:09	<pre>svent # = 8606 37/10/18,17:53 Start</pre>	1	End + ima	₹	N21W36		Pitch=-272", Yan	w=-526", Roll=	0deg	H.Ang=38deg
17:52:34 17:52:47 Peakc/s=76 Qual=01 Tot Cts=165 MaxkeV=69 Mavelength=2788A Code=02 Exp f=57320 Rast=180"x1" Step=0" Pitch=-139" DOY=291	otical 0ES 17:41		18.00		\$25W50	AR4870	Mac.=DAI	Carr.Lon.=2	07deg	H.Ang=57deg
DOY=291 Peak End times 20:35:52 20:36:08	IXRBS 17:52:18 IVSP 17:58	17:52:	17:52:47	Peakc/s=76 Wavelength=2788A	Qual=01 Code=02	Tot Cts=165 Exp #=57320	MaxkeV=69 Rast=180"x1"		itch=-139"	, Yaw=-348"
20:39 20:53 Importance=C1 Qual=O1 Tot Cts=350 MaxkeV=69 Flags=I Exp #=57323 Rast=180"x1" Step=O" Pitch=-140" D0Y=292 End times D0Y=292 End times SMM Pointing: NO6WOO 15:16:44 15:17:06 Peakc/s=64 Qual=O1 Tot Cts=604 MaxkeV=69 Flags=AX Pitch=+134" D0Y=292 End times SMM Pointing: N21W52 End times SMM Pointing: N21W52 Peak 23:36 23:38 Importance=B6 Qual=O1 Tot Cts=788 MaxkeV=69 Wavelength=2788A Ex5W64 AR4870 Mac.=DAI Carr.Lon.=205deg 23:34:22 23:34:57 Peakc/s=89 Qual=O1 Tot Cts=788 MaxkeV=69 Exp #=57377 Rast=180"x1" Step=O" Pitch=-140" Pitch=+0", Yaw=+0", Roll=Odeg Pitch=+0", Yaw=+0", Roll=Odeg Pitch=-134" Pitch=-140" Pitch=-140" Pitch=-140" Pitch=-11", Roll=Odeg Pitch=-291", Yaw=-711", Roll=Odeg Qual=O1 Tot Cts=788 MaxkeV=69 Wavelength=2788A Exp #=57377 Rast=180"x1" Step=O" Pitch=-156"	vent # = 8658 7/10/18,20:39 Start	D0Y=29	Fnd +imes	SMM Pointing	N21W37		Pitch=-274", Yaw	v=-548", Roll=(H.Ang=39deg
DOY=292 SMM Pointing: N06W00 15:16:44 15:17:06 Peakc/s=64 Qual=01 DOY=292 SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Poy=292 SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Peak SMM Pointing: N21W52 Pitch=-0", Yaw=+0", Roll=Odeg MaxkeV=69 Pitch=-291", Yaw=-711", Roll=Odeg Pitch=-291", Yaw=-711", Roll=Odeg Pitch=-291", Yaw=-711", Roll=Odeg Pitch=-291", Yaw=-711", Roll=Odeg PaxkeV=69 Avelength=2788A Exp #=57377 Peak Step=0" Pitch=-134" PaxkeV=69 Avelength=2788A Exp #=57377 Peak Avelength=2788A RaxkeV=69 RaxkeV=69 RaxkeV=69 Pitch=-291", Yaw=-711", Roll=Odeg Pitch=-134" Paw=-711", Roll=Odeg Pointing: RaxkeV=69 Avelength=2788A Exp #=57377 RaxkeV=69 RaxkeV=60	OES 20:32 XRBS 20:35:04 VSP 20:10	20:39 20:35:	20:53	Importance=C1 Peakc/s=54 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=350 Exp #=57323	×1×		itch=-140"	" 595 -= MeV
DOY=292 End times 15:16:44 15:17:06 Peakc/s=64 Qual=01 DOY=292 SMM Pointing: NCIW52 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=293:34:22 23:34:57 Peakc/s=89 Qual=01 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=293:34:27 Peakc/s=89 Qual=01 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=292 Boy=293:34:27 Peakc/s=89 Qual=01 Boy=292 Boy=29					87/10/19					200
15:16:44 15:17:06 Peakc/s=64 Qual=01 Tot Cts=604 MaxkeV=69 Flags=AX Bust=180"x1" Step=0" Pitch=+134" D0Y=292	vent # = 860/ 7/10/19,15:16 Start	DOY=2 Peak		Pointing	00M90N		Pitch=+0", Yaw=+	-0", Roll=Odeg		H.Ang=0deg
# = 8608 19,23:36 DOY=292 SMM Pointing: N21W52 Pitch=-291",Yaw=-711",Roll=Odeg Start Peak End times HaClass=SF S26W64 AR4870 Mac.=DAI Carr.Lon.=205deg 23:31 23:36 23:38 Importance=B6 Qual=01 Tot Cts=788 MaxkeV=69 23:34:00 23:34:22 23:34:57 Peakc/s=89 Qual=01 Tot Cts=788 MaxkeV=69 22:52 Wavelength=2788A Exp #=57377 Rast=180"x1" Step=0" Pitch=-156"	OES XRBS 15:16:33 VSP 15:01	15:16	15:1	c/s=64 length=2788A	Qual=00 Qual=01	Tot Cts=604 Exp #=57375	MaxkeV=69 Rast=180"x1"	•	itch=+134",	, Yaw=+184"
23:31 23:36 23:38 Importance=B6 Qual=01 23:34:02 23:34:22 23:34:57 Peakc/s=89 Qual=01 Tot Cts=788 MaxkeV=69 22:52 Wavelength=27884 Exp #=57377 Rast=180"x1" Step=0" Pitch=-156"	T	1	time	Pointing	N21W52		Pitch=-291", Yaw	/=-711", Roll=C		1. Ang=53deg
23:34:00 23:34:22 23:34:57 Peakc/s=89 Qual=01 Tot Cts=788 MaxkeV=69 22:52	al 23:31	23	23:38	HaClass=SF Importance=B6	S26W64 0ual=01	AR4870	Mac.=DAI	Carr.Lon.=20		1. Ang=70deg
	23:34 22:52	ຮ	23:34:57	Peakc/s=89 Wavelength=2788A	Qual=01	Tot Cts=788 Exp #=57377	MaxkeV=69 Rast=180"x1"		itch=-156",	, Үаw=-525"

					87/10/20	D0Y=293				
Event # 87/10/20	1	6		SMM Pointing:	N21W54		Pitch=-293", Yaw=-731"	IW=-731", Roll	, Roll=Odeg	H.Ang≕55deg
GOES COES COES COES COES COES COES COES C	Start 0ES 03:56 (XRBS 03:58:43 (VSP 03:55	Peak 04:01 03:59:09	End times 04:03 03:59:38	Importance=C1 Peakc/s=105 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=741 Exp #=57385	MaxkeV=69 Rast=30"x30"	Step=0"	Pitch=-300"	, Yaw=-720"
Event # 87/10/20		<u>m</u>	300	SMM Pointing:	N21W56		Pitch=-296",Ya	, Yaw=-751", Roll=Odeg		H.Ang=57deg
GOES HXRBS UVSP	Start OES 08:43 XRBS 08:43:20 VSP 08:44	Peak 08:47 08:45:01	End times 09:00 08:46:00	Importance=C1 Peakc/s=104 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1470 Exp #=57409	MaxkeV=98 Rast=30"x30"	Flags=I Step=0"	Pitch=-303", Yaw=-753"	, Yaw=-753"
					87/10/21	1 D0Y=294				
Event # 87/10/2		D0Y=294		SMM Pointing:	S25W78		Pitch=+420",Y∂	,Yaw=-858",Roll=Odeg	1=0deg	H.Ang=82deg
GOES HXRBS UVSP	Start 0ES 08:49 IXRBS 08:48:38 VSP 08:50	Peak 08:55 08:49:26	End times 09:01 08:49:32	Importance=82 Peakc/s=51 Wavelength=2788A	Qual=02 Qual=01 Code=00	Tot Cts=270 Exp #=57462	MaxkeV=69 Rast=180"x1"	Flags=I Step=0"	Pitch=+295",Yaw=-681	, Үам=-681"
Event # 87/10/2	= 21415 , 10:27	D0Y=294		SMM Pointing:	S25W78		Pitch=+420",Ya	, Yaw=-858", Rol	, Roll=Odeg	H.Ang=82deg
GOES		Peak 10:27 10:25	End times 10:39 10:29	Importance=B8 CaPeak.c/s=25	Qual=03 Qual= 3	FePeak=10:24	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=.26s	XEN=729400 0.256s/pixel
	10:25			Wavelength=2788A	Code=00	Exp #=57463	Rast=180"x1"	Step=0"	Pitch=+294"	, Yaw=-682"
Event # 87/10/2	= 8630 1,19:07	D0Y=294		SMM Pointing:	N21W75		Pitch=-323",Y	, Yaw=-870", Rol	, Roll=Odeg	H.Ang=74deg
HXRBS UVSP	Start XRBS 19:06:54 VSP 18:50	Peak 19:07:02	End times 19:07:17	Peakc/s=67 Wavelength=2788A	Qua1=01	Tot Cts=271 Exp #=57466	MaxkeV=585 Rast=180"x1"	Flags=I,N Step=0"	Flags=I,NS,GB Step=0" Pitch=-189",	', Yaw=-689"
Event # 87/10/2	, = 8610 11,22:19		1	SMM Pointing:	N21W77		Pitch=-326",Y	, Yaw=-880", Roll=Odeg	11=0deg	H.Ang=76deg
GOES HXRBS UVSP	Start GOES 22:17 HXRBS 22:17:12 UVSP 21:59	reak 22:19 22:17:48	Eria Limes 22:24 3 22:18:04	Importance=B3 PeakC/s=55 Wavelength=2788A	000	Tot	MaxkeV=69 Rast=180"x1"	Step=0"	Pitch=-192	Pitch=-192",Yaw=-695"
					87/10/30	0 D0Y=303				
Event # 87/10/3	# = 8614 /30,15:03	DOY=303	somit ban	SMM Pointing:	S26E26		Pitch=+491",Y	, Yaw=+377", Roll=0deg	11=0deg	H.Ang=40deg
GOES HXRBS UVSP	start 15:02:01 14:50		15:05:09	Peakc/s=55 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1281 Exp #=57711	MaxkeV=128 Rast=180"x1"	Step=0"	Pitch=+370	Pitch=+370",Yaw=+306"

I stillfills see the second thill

				87/11/01	11 DAV=205				
Event # = 8654			1	7/11/0					
87/11/01,20:49 Start		End times	SMM Pointing:	S28W02		Pitch=+520",Ya	, Yaw=-34", Rol	', Roll=Odeg	H.Ang=33deg
GOES 20:45 HXRBS 20:45:27 UVSP 20:12	20:49 7 20:45:57	21:06 7 20:46:39	Importance=C2 Peakc/s=221 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=3320 Exp #=57768	MaxkeV=128 Rast=180"x1"	Flags=I Step=0"	Pitch=+396	Pitch=+396", Yaw=+147"
Event # = 8655 87/11/01,22:13 Start	D0Y=305 Peak	Fnd times	SMM Pointing:	S28W03		Pitch=+517", Ya	, Yaw=-44", Roll=Odeg	l=0deg	H.Ang=32deg
Optical GOES 22:07	22:13	22:23	HaClass=SF Importance=Cl	\$25E90		Mac.=CSO	Carr.Lon.=240deg	.=240deg	H.Ang=92deg
HXRBS 22:10:26 UVSP 21:46 Radio Frequer	22:10:26 22:10:41 22:11: 21:46 Frequency(MHz)/Flux(sfu	1 <u>22:11</u> :33 Flux(sfu):	Perk		Tot Cts=1550 Exp #=57769	MaxkeV=98 Rast=180"x1"	Flags=I Step=0"	Pitch=+396"	", Yaw=+135"
				87/11/02	2 D0Y=306				
Event # = 8615 87/11/02,14:00 Start	D0Y=306 Peak	Fnd times	SMM Pointing:	S28W12		Pitch=+515", Ya	, Yaw=-174", Roll=0deg	1=0deg	H.Ang=34deg
Optical Optical GOES 13:48		14.30	HaClass=SB HaClass=SF	\$23E65 N27W38	AR4882 AR4875	Mac.=CS0	Carr.Lon.=256deg Carr.Lon.=359deg	=256deg =359deg	H.Ang=69deg H.Ang=43deg
HXRBS 13:52:27 UVSP 14:26 Radio Sweeps Radio Frequen	27 13:54:06 13:5 Type/Intens ency(MHz)/Flux(s	5:27 ity: fu):	Peakc/s=62 Wavelength=2788A V/2 245/220 410/16	qual=11	Tot Cts=1130 Exp #=57788	MaxkeV=70 Rast=180"x1"	Flags=IS Step=0"	Pitch=+394",Yaw=+4"	", Yaw=+4"
va v									
/ # = 2141 1/02,18:13 Start	D0Y=306 Peak	End times	SMM Pointing:	S23E64		Pitch=+413",Ya	, Yaw=+799", Rol	,Roll=Odeg	H.Ang=68deg
Optical GOES 18:08	18:	36	HaClass=1B	\$23E57	AR4882	Mac.=CSO	Carr.Lon.=262deg	=262deg	H.Ang≕62deg
BCS 18:19 FCS	18:20	18:24	CaPeak.c/s=39	Qual= 4	FePeak=18:20	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=730600
UVSP 18:20			Wavelength=2788A	Code=02	Exp #=57792	Kast=U"XU" Rast=15"x15"	Step=0" Step=3"	Ξ	0.256s/pixel ",Yaw=+805"
				87/11/03	3 D0Y=307				
Event # = 861/ 87/11/03,02:18 Start	DOY=307	Fnd times	SMM Pointing:	S23E60	1	Pitch=+417", Yaw=+767", Roll=Odeg	w=+767", Rol]=0deg	H.Ang=64deg
GOES 02:16 HXRBS 02:16:21	02:18 02:16:46	02:21 02:18:16	Importance=89 Peakc/s=153	Qual=01 Qual=01	Tot Cts=2748	MaxkeV=98	;		
Radio Sweeps Radio Frequency	Type/Intens cy(MHz)/Flux(s	ity: fu):	wavelengtn=2788A 11172 2695/42	code=01	exp #=5//98	Rast=180"x1"	Step=0"	Pitch=+297"	", Yaw=+691"
Event # = 21417 87/11/03,04:05 Start	DOY=307	Fod + imag	SMM Pointing:	S23E58		Pitch=+419", Yaw	, Yaw=+756", Rol	, Roll=Odeg	H.Ang=63deg
GOES 03:59 BCS 04:02	04:05 04:03	04:21 04:09	Importance=C1 CaPeak.c/s=35	Qual=01 Qual= 1	FePeak=04:03	FePeak.c/s=7	_	dt= 7.7s	XEN=730700
rt3 UVSP 03:35			Wavelength=2788A		Exp #=57800	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s 0 Pitch=+298",	0.256s/pixel ",Yaw=+684"
									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Event # = 8618 87/11/03,04:14 Start HXRBS 04:14:53 UVSP 04:34	D0Y=307 Peak : 04:14:57	End times '04:15:11	SMM Pointing: Peakc/s=337 Wavelength=2788A	\$23E58 Qual=01	Tot Cts=914 Exp #=57801	Pitch=+419", Yaw: MaxkeV=286 Rast=180"x1"	,Yaw=+756",Roll=0 Flags=NS,GB Step=0" Pi	,Roll=Odeg	H.Ang=63deg ', Yaw=+680"
Event # = 8616 87/11/03,05:37 DC Start Pe GOES 05:33 05 HXRBS 05:34:49 05 UVSP 05:10 Radio Sweeps Radio Frequency(DOY=307 Peak End t 05:37 05:42 0 05:35:16 05:35 Type/Intensi	imes :39 ty: u):	SMM Pointing: Importance=B8 Peakc/s=63 Wavelength=2788A III/1 245/430	\$23E57 Qual=01 Qual=01	Tot Cts=335 Exp #=57802	Pitch=+420", Yaw MaxkeV=70 Rast=180"x1"	,Yaw=+746",Roll " Step=0"	,Roll=Odeg 0.00 0.0	H.Ang=62deg ',Yaw=+677"
F C 7	8% 8	End times	SMM Pointing: HaClass=SF Importance=Cl	87/11/04 N28W58 N31W66 Oual=01	4 DOY=308	Pitch=-421", Yaw	,Yaw=-728",Roll=0de Carr.Lon.=4deg	,Roll=Odeg Lon.=4deg	H.Ang=60deg H.Ang=67deg
HXRBS 08:03:46 BCS 08:05 FCS 07:52	5 08:03:55 08:07	08:11 08:11	Peakc/s=62 CaPeak.c/s=30 Wavelength=2788A		Tot Cts=378 FePeak=08:05 Exp #=57851	MaxkeV=158 FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=.26s 0 Pitch=-287",	XEN=730800 0.256s/pixel ", Yaw=-543"
Event # = 8620 87/11/04,09:41 Start GOES 09:40 HXRBS 09:41:38 UVSP 09:27	DOY=308 Peak 09:41	End times 09:50 9 09:42:54	SMM Pointing: Importance=B7 Peakc/s=113 Wavelength=2788A	N28W58 Qual=01 Qual=01 Code=01	Tot Cts=781 Exp #=57853	Pitch=-421", Yaw=-728", Roll=Odeg MaxkeV=98 Rast=180"x1" Step=0" Pitch	=-728", Roll Step=0"	=0deg Pitch=-288"	H.Ang=60deg ",Yaw=-550"
Event # = 8622 87/11/04,17:20 Start Optical GOES 17:05 HXRBS 17:20:59 BCS 17:22 FCS 17:23	D0Y= Peak 17:2 17:2 17:2	308 End times 0 17:53 1:27 17:23:25 3 17:36	SMM Pointing: HaClass=SF Importance=M1 Peakc/s=65 CaPeak.c/s=834 Wavelength=1375A	N28W62 N28W57 Qual=05 Qual= 4 Qual= 4 Code=02	AR4875 Tot Cts=949 FePeak=17:23 Exp #=57863	Pitch=-426", Yaw Mac.=EAI MaxkeV=70 FePeak.c/s=123 Rast=0"x0" Rast=280"x280"	=-758", Rol Carr.Lon. Flags=SN #Peaks=1 Step=0" Step=10"	,Roll=Odeg H Lon.=350deg H =SN s=1 dt= 3.8s X 0" Cad=.26s 0	H.Ang=64deg H.Ang=59deg XEN=730801 0.256s/pixel ",Yaw=-754"
BCS 17:36 FCS 17:24 UVSP 17:24	[.] 17:3	. 1	 ak.c/s=40 length=1375	Associated Qual= 5 A	Event # = 21418 FePeak=17:36 Exp #=57864	FePeak.c/s=6 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=.26s 0 Pitch=-462",	XEN=730802 0.256s/pixel ", Yaw=-799"
Event # = 21419 87/11/04,20:53 87/11/04,20:53 Optical 60ES 20:30 60ES 20:45 FCS 20:45 UVSP 20:46	9 D0Y=308 Peak 20:53 20:54	End times 21:44 21:05	SMM Pointing: HaClass=SF Importance=C1 CaPeak.c/s=22 Wavelength=1375A	N32W63 N30W72 Qual=03 Qual= 4 Code=00	AR4875 FePeak=20:46 Exp #=57876	Pitch=-484", Yaw Mac.=EAI FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	,Yaw=-732",Roll=Ode Carr.Lon.=3deg 7 #Peaks=1 dt= Step=0" Cad= " Step=0" Pitc	,Roll=Odeg H Lon.=3deg H s=1 dt=7.7s X 0" Cad=.26s 0 0" Pitch=-412",	H.Ang=65deg H.Ang=72deg XEN=730803 0.256s/pixel ", Yaw=-801"

	Ha Classach
5 1 FePeak=23:39	N27W62 Qual=05 Qual= 4
Exp #=57887	Wavelength=1375A Code=02 II/2 III/3 15400/15
D0Y=309	87/11/05
	N32W68
AR4875	N30W73
Tot Cts=3.33E+5 FePeak=05:01	
Exp #=57900	Exp
74 154	4995/110 8800/74 15400/84 Associated Event # = 2142
FePeak=05:18	Qual= 5 FeF
	N32W70
AR4883	S21E36 Oual=01
Cts=1135 #=57906	Qual=01 Tot Exp
	N32W74
Tot Cts=393 FePeak=18:49	Qual=03 Qual=01 Tot Qual= 1 FeP
	N04W00
AR4875	N29W75
Cts=1.41E+5 #=57937	Qual=01 Tot Code=00 Exp

vent # = 8628 7/11/12.19:03	D0Y=316		SMM Pointing:	S24E70		Pitch=+412", Yaw	, Yaw=+832", Roll=0deg		H.Ang=73deg
Start	Peak	nd times		\$24E72	AR4890	Mac.=EKO	Carr.Lon.=115deg		H.Ang≖75deg
GOES 18:52 HXRBS* 18:55:09 BCS 18:56	19:03 18:55:20 18:56	19:24 18:55:42 19:23	Importance=C2 Peakc/s=67 CaPeak.c/s=24	Qual=02 Qual=01 Qual= 2	Tot Cts=236 FePeak=18:56	MaxkeV=70 FePeak.c/s=10	#Peaks=1 dt= c+en=0" Cad=	7.7s	dt= 7.7s XEN=731600 Cad= 26s 0.256s/bixe]
19:20			Wavelength=2788A		Exp #=58244	Rast=180"x1"		h=+292"	, Yaw=+756"
Event # = 8629 87/11/12,20:37	D0Y=316		SMM Pointing:	S24E68		Pitch=+823", Yaw	, Yaw=-411", Roll=90deg	ed	H.Ang=71deg
	Peak	E S		\$25£69	AR4890	Mac.=EKO	Carr.Lon.≖117deg	<u>6</u>	H.Ang≈72deg
GOES 20:27 HXRBS* 20:31:11 BCS 20:32	20:37 20:34:22 20:35	20:58 20:37:19 20:58	<pre>Importance=tz Peakc/s=77 CaPeak.c/s=132</pre>	Qual=U3 Qual=11 Qual= 3	Tot Cts=1825 FePeak=20:35	MaxkeV=70 FePeak.c/s=35	∺ .	S dt= 3.8s X	XEN=731601
20:04			Wavelength=2788A	Code=00	Exp #=58245	Rast=243"x243"	Step=3" Pitc	:	, Yaw=-401"
				87/11/15	5 DOY=319				
t # = 8632 1/15,16:23	1	•	SMM Pointing:	S24E32		Pitch=+434", Yaw=+475"	v=+475", Roll=0deg	₽,	H.Ang≖41deg
Start HXRBS* 16:23:14 UVSP 16:24	Peak 16:23:19	End times 16:23:31	Peakc/s=90 Wavelength=2788A	Qual=01	Tot Cts=209 Exp #=58326	MaxkeV=188 Rast=180"x1"	Flags=M,NS,GB Step=0" Pitc	S,GB Pitch=+311",	, Yaw=+398"
				87/11/16	5 D0Y=320				
Event # = 8633 87/11/16,19:03	D0Y=320		SMM Pointing:	NO3MOO		Pitch=+0",Yaw=+6",Roll=Odeg	+6", Roll=0deg		H.Ang=Odeg
Start cal	Peak	End times	HaClass=SF	\$24E19	AR4890	Mac.=CKO	Carr.Lon.=115deg	leg	H.Ang≖32deg
GÓES 19:00 HXRBS* 19:00:59 Radio Sweeps	19:03 19:01:12 Type/I	19:03 19:11 19:01:12 19:01:31 Type/Intensity:	Importance=85 Peakc/s=113 III/2	Qual=01 Qual=01	Tot Cts=530	MaxkeV=98			
				87/11/17	7 D0Y=321				
Event # = 8634 87/11/17,00:47	D0Y=321		SMM Pointing:	NO2W00		Pitch=+4", Yaw=-7",	-7", Roll=0deg		H.Ang=Odeg
Start cal	Peak	End times	HaClass=SF	\$27E13	AR4890	Mac.=CKO	Carr.Lon.=118deg	deg	H.Ang=32deg
GOES 00:44 HXRBS* 00:45:23	00:47 00:45:32	00:51 2 00:45:57	Importance=83 Peakc/s=63	Qual=01 Qual=01	Tot Cts=252	MaxkeV=70			
Event # = 8635 87/11/17,02:10	D0Y=321		SMM Pointing:	N02W00		Pitch=+4",Yaw=	, Yaw=-7", Roll=Odeg		H.Ang=0deg
Start		End times	HaClass=SF	\$25E16	AR4890	Mac.=CKO	Carr.Lon.=114deg	ged	H.Ang=32deg
GÓES 02:06 HXRBS* 02:06:26	02:10 5 02:06:40	02:19 0 02:07:21	Importance=84 Peakc/s=62	Qual=01 Qual=01	Tot Cts=220	MaxkeV=70	Pit	Pitch=+7",	w=+12
2:08:4	5 02:09:07	7 02:10:09	A Peakc/s=58	Associated Qual=01	Event # = 8636 Tot Cts=248	 MaxkeV=70	1 1 1 1	0i+ch=+7"	V 2 = 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

			87/11/18	.8 D0Y=322				
Event # = 863/ 87/11/18,03:20 [Start [DOY=322 Deak End times	SMM Pointing:	S24W00	-	Pitch=+435", Yaw=+4", Roll=Odeg	v=+4", Rol]=0de	De De	H.Ang=27deg
03:15	03.27	HaClass=SB	\$22W07	AR4890	Mac.=DKO	Carr.Lon.=123deg	23deg	H.Ang=25deg
03:15:45 03:17	03:18:21 03:21:44 03:19 03:24	Peakc/s=739 CaPeak.c/s=565	Qual=01 Qual=01 Qual= 1	Tot Cts=31387 FePeak=03:19	MaxkeV=128 FePeak, c/s=171		t= 3.8s	XEN=732200
UVSP 03:05 Radio Sweeps Radio Frequency	O3:05 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Wavelength=2788A Code=01 Exp # II/2 III/3 245/780 410/64 606/606 1415/22	Code=01 06/606 14	Exp #=58412 15/22 8800/34	Kast=0"x0" Rast=180"x1"	Step=0" Ca Step=0" Pi	ad=.26s itch=+315"	Cad=.26s 0.256s/pixel Pitch=+315",Yaw=-66"
Event # = 21422 87/11/18,06:56 D Start P	DOY=322 Peak End times	SMM Pointing:	S24W01		Pitch=-21", Yaw=	, Yaw=-436", Roll=90deg	deg	H.Ang=27deg
Optical GOES 06:30 0	07:12	HaClass=SF Importance=B7	\$25W00	AR4890	Mac.=DKO	Carr.Lon.=114deg	.4deg	H.Ang≈27deg
BCS 06:54 0 FCS 06:36 UVSP 06:36 Radio Sweeps	06:54 06:57 Type/Intensity:	CaPeak.c/s=18 Wavelength=2788A III/2	Qual= 5 Code=00	FePeak=06:54 Exp #=58421	FePeak.c/s=8 Rast=0"x0" Rast=243"x243"	#Peaks=1 dt: Step=0" Cac Step=3" Pi:	dt= 7.7s Cad=.26s Pitch=-17",	XEN=732201 0.256s/pixel ,Yaw=-424"
Event # = 8638 87/11/18,13:33 D Start P	DOY=322 Peak End times	SMM Pointing:	S24W05		Pitch=+435", Yaw=-74", Roll=0deg	=-74", Roll=0de		H.Ang=27deg
13:30	13.30	HaClass=SF	S21E53	AR4891	Mac.=HSX	Carr.Lon.=58deg		H.Ang=57deg
HXRBS* 13:30:34 1 UVSP 13:28 Radio Sweeps Radio Frequency	3:30:34 13:31:12 13:31:28 3:28 128 Type/Intensity: Frequency(MHz)/Flux(sfu):	Importance 193 Wavelength=2788A III/3 410/45	Qual=01 Qual=01 Code=00	Tot Cts=1509 Exp #=58428	MaxkeV=98 Rast=180"x1"	Step=0" Pi1	tch=+315"	Pitch=+315",Yaw=-152"
= 8639 8,17:31 Start	DOY=322 Peak End times	SMM Pointing:	NOZWOO		Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0deg		H.Ang=Odeg
Optical GOES 17:25 1	7:31 17:35	HaClass=SF	\$25W09	AR4890	Mac.=DKO	Carr.Lon.=118deg		H.Ang=29deg
HXRBS* 17:28:44 1 UVSP 17:12 Radio Sweeps Radio Frequency	<pre>S* 17:28:44 17:29:46 17:29:54 17:12 0 Sweeps</pre>	c/s=104 ength=2788/ 30 410/140	Qual=01 Qual=01 Code=01 606/28	Tot Cts=3626 Exp #=58433	MaxkeV=98 Rast=180"x1"	Step=0" Pit	Pitch=+7",Yaw=+16"	aw=+16"
Event # = 8640			87/11/19	9 D0Y=323				
	323	SMM Pointing:	NO2W00		Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0deg	-	H.Ang=Odeg
GOES 01:33 01 HXRBS* 01:33:28 01 UVSP 01:03 Radio Frequency(:33	Importance=B4 Peakc/s=223 Wavelength=2788A 245/710	Qual=01 Qual=01 Code=00	Tot Cts=901 Exp #=58442	MaxkeV=128 Rast=21"x243"	Step=3" Pit	Pitch=+7",Yaw=+12"	aw=+12"

Event # = 2142	200		Dait tailog	C21F40		Pitch=+373".Yaw=	. Yaw=+684", Roll=Odeq	1=0deq	H.Ang=53deg	l
8//11/19,04:20 Start Ontical	Peak	End times	.Class=SF	S22E44	AR4891		Carr.Lon.	=59deg	H.Ang=49deg	
	04:20 04:29	05:11 04:37	Importance=C3 CaPeak.c/s=29	Qual=05 Qual= 5	FePeak=04:30	FePeak.c/s=12 Dast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s Cad=.26s	XEN=732300 0.256s/pixel	
FCS UVSP 04:25 Radio Sweeps	Type/I	ype/Intensity:	Wavelength=1375A III/2	Code=02	Exp #=58450	Rast=265"x265"	Step=5"	Pitch=+380"	, Yaw=+695"	1
Event # = 8641 87/11/19,11:18	4		SMM Pointing:	S24W16		Pitch=+437", Yaw	, Yaw=-251", Rol	,Roll=Odeg	H.Ang=31deg	
Start GOES 11:12 HXRBS 11:15:16 UVSP 11:26	Peak 11:18 16:11:15:54	End times 11:31 11:16:46	Importance=89 Peakc/s=69 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=4623 Exp #=58456	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+444"	', Yaw=-242"	!
Event # = 8642 87/11/19,17:38	3 DOY=323	1 1	SMM Pointing:	S24W20		Pitch=+436", Yaw	', Yaw=-300", Roll=Odeg	1=0deg	H.Ang≕33deg	
Start GOES HXRBS 17:38:3 UVSP 17:43	33	End 17:3	Peakc/s=65 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1590 Exp #=58464	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+315"	', Yaw≕-123"	:
				87/11/20) D0Y=324					
Event # = 8643 87/11/20.00:55			SMM Pointing:	NOZWOO		Pitch=+0", Yaw=+0",	0", Roll=0deg	6d	H.Ang=Odeg	
<u> </u>	Peak	i times		\$25W27	AR4890	Mac.=DAI	Carr.Lon.=118deg	=118deg	H.Ang=38deg	
GÓES 00:39 HXRBS 00:48:24 UVSP 00:36	00:55 24 00:49:02	01:10 00:53:44	Importance=Cl Peakc/s=77 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=2494 Exp #=58473	MaxkeV=70 Rast=21"x243"	Step=3"	Pitch≈+7",	,Yaw=+12"	
Event # = 8644 87/11/20.04:24	4 4 DOY=324		SMM Pointing:	\$23E37		Pitch=+407", Yaw	, Yaw=+545", Rol	, Roll=0deg	H.Ang=44deg	
Start Optical		End times	HaClass=1N	\$21E35	AR4891	Mac.=DAI	Carr.Lon.=54deg	=54deg	H.Ang=41deg	
GOES 04:10 HXRBS 04:11:40 BCS 04:13	04:24 40 04:17:32 04:22	04:54 2 04:35:58 04:47	Importance=M1 Peakc/s=158 CaPeak.c/s=700	Qual=03 Qual=01 Qual= 1	Tot Cts=34110 FePeak=04:19	MaxkeV=158 FePeak.c/s=167 Bast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=.26s	XEN=732400 0.256s/pixel	
FCS UVSP 03:53 Radio Sweeps	03:53 Type/Intensity Sweeps Type/Intensity	Intensity: Flux(sfu):	Wavelength=2788A Code=00 III/3 IV/2 245/71 410/12 606/15 1415	Code=00 6/15 1415	Exp #=58476 /20 2695/69 4999	8A Code=00 Exp #=58476 Rast=243"x243" Step= 606/15 1415/20 2695/69 4995/140 8800/31 15400/220	Step=3" 100/220		", Yaw=+557"	
1 + + + + + + + + + + + + + + + + + + +										1
87/11/20,19:45	5 DOY=324	+ P&D	SMM Pointing:	\$23E29		Pitch=+410", Yaw=+435"	/=+435", Ro`	,Roll=Odeg	H.Ang=38deg	
Optical Optical	. ·	- Y	ž÷ ^	\$23E29	AR4891	Mac.=DAI	Carr.Lon.≖52deg	.≖52deg	H.Ang=38deg	
GOES 19:39 HXRBS 19:41: BCS 19:42	19:45 27 19:41:29 19:45	19:50 19:41:32 19:51	Importance-ci Peakc/s=84 CaPeak.c/s=26	Qual=01 Qual= 4	Tot Cts=318 FePeak=19:42	MaxkeV=70 FePeak.c/s=11 Pact=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s X	XEN=732401 0.256s/pixel	
FCS UVSP 19:26			Wavelength=2788A	Code=01	Exp #=58504	Rast=180"x1"	Step=0"	1	;", Yaw=+365"	1

GOES HXRBS 21:12:42 UVSP 21:01		End times	.611.711.6			י בסדי השוי, כסדי השוי, בסדי היים יי	1001 CJ1	,	E
		3 21:	Peakc/s=108 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=12723 Exp #=58506	MaxkeV=128 Rast=180"x1"	Step=0"	Pitch=+285	Pitch=+289",Yaw=+353"
event # = 864/ 87/11/20,23:44 Start	DOY=324 Peak	Fnd +imae	SMM Pointing:	\$21E23		Pitch=+379", Ya	, Yaw=+357", Rol1=0deg	1=0deg	H.Ang≈32deg
Optical 30ES 23:29	23 3	00:27	HaClass=1N Importance=M1	\$21E25	AR4891	Mac.=DAI	Carr.Lon.=54deg	=54deg	H.Ang=34deg
HXRBS 23:28:46 BCS 23:31 FCS	6 23:33:57 23:36	23:37:06 23:37	Peakc/s=204 CaPeak.c/s=270	Qual=01 Qual= 1	Tot Cts=40851 FePeak=23:36	MaxkeV=128 FePeak.c/s=78	#Peaks=1		XEN=732402
JVSP 23:35 Radio Sweeps	23:35 Type/Intensity	Intensity:	Wavelength=1375A Code=01	Code=01	Exp #=58515	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=.26s Pitch=+368"	0.256s/pixel ", Yaw=+344"
Radio Frequer	ncy(MHZ)/F		410/85 606/100 14	/1 1415/160 2695/61 Associated Event	595/61 4995/33 8800/32 Event # = 21424	1800/32			
BCS 00:15 FCS	00:17	01:10	CaPeak.c/s=322	Qual= 4		k.c/s=33	#Peaks=1	dt= 3.8s	XEN=732500
WSP 00:15			Wavelength=1375A		Exp #=58516	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=.26s (Pitch=+387",	0.256s/pixel ",Yaw=+356"
107 to - 7 107				87/11/21	D0Y=325				
87/11/21,15:56	DOY=325		SMM Pointing:	S21E14	I	Pitch=+380", Ya	,Yaw=+218",Roll=Odeq	1=0deg	H. Ana=27dea
Optical 60Fs 15.44	15.56	S S		\$23E17	AR4891	Mac.=DAI	Carr.Lon.=53deg	-53deg	H.Ang=30dea
CS 15:55	15:55	16:01	CaPeak.c/s=20	Qual= 5	FePeak=15:55	FePeak.c/s=7		.75	XEN=732501
VSP 15:50			Wavelength=2788A	Code=00	Exp #=58556	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=+259"	0.256s/pixel ",Yaw=+146"
Event # = 8648 87/11/21,18:08 Start	D0Y=325 Peak	End times	SMM Pointing:	\$21513		Pitch=+381", Yaw=+204",	r=+204", Roll	, Roll=Odeg	H.Ang=26deg
ptical DES 17:54	18:08			\$23E16	AR4891	Mac.=DAI	Carr.Lon.=53deg	:53deg	H.Ang=30deg
HXRBS 17:56:32 BCS 17:56 FCS	18:01:17 18:06	18:12:24 18:27	Peak/s=1503 CaPeak.c/s=2269	Qual=11 Qual= 1	Tot Cts=2.20E+5 FePeak=18:05	MaxkeV=587 FePeak.c/s=584	Flags=IS #Peaks=1	dt= 7.7s	XEN=732502
/SP 18:22 Adio Sweeps Type/Intensity	Tvne/Tr		Wavelength=2788A		Exp #=58559	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s 0 Pitch=+259",	0.256s/pixel ",Yaw=+125"
Radio Frequen	cy (MHz)/ř		245/7800 410/51000	0 606/150	800 410/51000 606/150 1415/140 2695/80	4995/170	8800/270 15400/130		
Event # = 21426 87/11/21,19:05 Start	D0Y=325 Peak	End times	SMM Pointing:	S21E12		Pitch=+380", Yaw=+190", Roll=Odeg	=+190", Roll	=0deg	H.Ang=26deg
60ES BCS 19:03 FCS	19:05		(CaPeak.c/s=68	Qual=00 Qual= 4	FePeak=19:07	FePeak.c/s=12		dt= 7.7s	XFN=732503
/SP 18:59		-	Wavelength=2788A		Exp #=58560	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=+259"	Cad=.26s 0.256s/pixel Pitch=+259", Yaw=+119"

Event	= 21427	- 1			21180		Di+ch=+426" Yau	Yaw=+202" Roll=Odea	=0dea	H.Ana=29dea
87/11/2	1,20:45	DOY=325	÷.	SMM Pointing:	SZ4E13		יייייייייייייייייייייייייייייייייייייי	100	F)	
GOES BCS	Start 20:41 20:44	Peak 20:45 20:45	20:59 20:49	Importance=C1 CaPeak.c/s=20	Qua]=01 Qua]= 4	FePeak=20:44	FePeak.c/s=13	#Peaks=1 Step=0"	dt= 7.7s Cad=.26s	XEN=732504 0.256s/pixel
FCS UVSP	20:43			Wavelength=1375A	Code=00	Exp #=58563	Rast=10"x10"			, Yaw=+164"
					87/11/22	D0Y=326				
Event 87/11/	vent # = 8649	D0Y=326		SMM Pointing:	S24E10		Pitch=+426",Ya	,Yaw=+161",Rol	, Roll=Odeg	H.Ang=28deg
Optica	Start		times		\$21E08	AR4891	Mac.=EAI	Carr.Lon.=56deg	=26deg	H.Ang=24deg
GOES HXRBS UVSP	02:10 02:11:54 02:16	02:15 02:12:19	02:26 02:12:32	Importance=88 Peakc/s=69 Wavelength=1375A	Qual=03 Qual=01 Code=02	Tot Cts=1864 Exp #=58593	MaxkeV=70 Rast=10"x10"	Step=0"	Pitch=+380"	', Yaw=+118"
					87/11/23	327 D0Y=327				
Event 87/11/	# = 21428 $23, 17:14$	D0Y=327		SMM Pointing:	S24W11		pitch=+424",Ya	, Yaw=-163", Rol	, Roll=Odeg	H.Ang=28deg
60ES BCS	Start 17:06 17:13	Peak 17:14 17:13	End times 17:22 17:16	Importance=C1 CaPeak.c/s=22	Qual=01 Qual= 5	FePeak=17:13	FePeak.c/s=8	#Peaks=1 Step=0"	dt= 7.7s XB Cad=.26s 0	XEN=732700 0.256s/pixel
FCS	17:28			Wavelength=2788A		Exp #=58692	Rast=180"x1"	Step=0"	Pitch=+302	", Yaw=-243"
					87/11/24	4 D0Y=328				
Event 87/11/	# = 8667	D0Y=328		SMM Pointing:	S24W22		Pitch=+421",Ya	, Yaw=-334", Ro}	, Roll=0deg	H.Ang=33deg
Optica		Peak	ш	HaClass=SF HaClass=SF	S35W39 S22W23	AR4896 AR4891	Mac.=050	Carr.Lon.=70deg Carr.Lon.=54deg	=70deg =54deg	H.Ang=52deg H.Ang=33deg
GOES HXRBS BCS	14:39 14:40:16 14:43	14:43 i 14:40:36 14:43	14:52 5 14:42:00 14:46	Importance=B9 Peakc/s=73 CaPeak.c/s=20	Qual=01 Qual=01 Qual= 5	Tot Cts=1120 FePeak=14:43	MaxkeV=70 FePeak.c/s=7	Flags=I #Peaks=1 Sten=0"	dt= 7.7s X Cad=.26s 0	XEN=732800 0.256s/pixel
FCS	14			Wavelength=2788A	Code=01	Exp #=58755	Rast=180"x1"	Step=0"	Pitch=+299	",Yaw=-156"
Event # 87/11/24	# = 8651 /24,22:31	D07=328	i	SMM Pointing:	S22W29		Pitch=+387", Ya	, Yaw=-438", Roll=Odeg	11=0deg	H.Ang≖37deg
GOES HXRBS UVSP	start 22:29:2 22:28	Peak : 22:31:3	End times 5 22:33:31	Peakc/s=78 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=2423 Exp #=58772	MaxkeV=98 Rast=10"x10"	Step=0"	Pitch=+411	Pitch=+411",Yaw=-433"
					87/11/2	25 D0Y=329				
Event 87/11	Event # = 8652 87/11/25, 17:17	ŀ		SMM Pointing:	S22W39		Pitch≖+383",Ya	, Yaw≈-563", Ro	,Roll=Odeg	H.Ang=44deg
Optic	Start cal		ដ	HaClass=SF	S34W61	AR4896	Mac.=ESO	Carr.Lon.=77deg	-=77deg	H.Ang≃67deg
GÖES HXRBS UVSP	17:10 3 17:16:12 17:09	17:17 17:16	17:21 :39 17:17:05	Importance=b9 Peakc/s=67 Wavelength=2788A	Qual=01 \Code=00	Tot Cts=355 Exp #=58823	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+262"	2", Yaw≖-386"

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ent # = 8653 //11/26,03:21	D0Y=330		SMM Pointing:	S22W45	0.000	Pitch=+381". Yav	Yaw=-634", Rol	Roll=Odea	H. And=49ded
Start		End times	Ha Class=SF	C211448	404801		8	-FO402	H American
GÓES 03:12 HXRBS 03:14:17	03:21 03:16:35	03:33	<pre>Importance=C3 Peakc/s=54</pre>		Tot Cts=570	MaxkeV=70		ri ri	fanzo-fanon
03:1	03:18	χ.	CaPeak.c/s=99 Peak3c/s=341	Qual= 1	FePeak=03:17	FePeak.c/s=21			XEN=733000
03:2			Wavelength=1375A	Code=02	Exp #=58858	Rast=10"x10"	Step=0"	Pitch=+366"	1.024s/pixel ",Yaw≖-625"
ent # = 21429 //11/26,12:10			SMM Pointing:	S22W49		Pitch=+380", Yaw=-678", Roll=0deg	w=-678", Rol	1=0deg	H.Ang=53deg
GOES 11:30 BCS 12:03 FCS	12:10 12:09 12:09	13:20 12:37	Importance=C2 CaPeak.c/s=36	Qual=04 Qual= 4	FePeak=12:04	FePeak.c/s=10		dt= 7.7s	XEN=733001
11:58	90.31		reaksC/s=150 Wavelength=2788A	Code=01	Exp #=58877	Kast=25"X25" Rast=180"x1"	Step=5. Step=0"	Cad=25.6s I Pitch=+259",	1.024s/p1xel ",Yaw=-501"
4 4 - 21/20				87/11/3	30 DOY=334				
/11/30,11:23	DOY=334	, + +	SMM Pointing:	S22W84		Pitch=+368", Yaw	, Yaw=-898", Roll	, Roll=Odeg	H.Ang=85deg
G0ES 11:02 BCS 11:09 ECS	11:23 11:12	î.	Importance=C1 CaPeak.c/s=30	Qua]=02 Qua]= 3	FePeak=11:12	FePeak.c/s=11	#Peaks=1		XEN=733400
11:09	11:10		reaksc/s=14 Wavelength=2788A	Code=01	Exp #=59122	Kast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=+243"	1.024s/pixel ",Yaw=-718"
2320 - #				87/12/0	03 D0Y=337				
/12/03,12:20 Start	00Y=337 Peak	+	SMM Pointing:	S23W44		Pitch=+388", Yaw	Yaw=-620",Roll	, Roll=Odeg	H.Ang≃49deg
S 12:20:23 11:56		12:20:45	Peakc/s=74 Wavelength=2788A	Qual=01	Tot Cts=199 Exp #=59294	MaxkeV=220 Rast=180"x1"	Flags=NS,GB Step=0" Pitch	38 Pitch=+267"	', Yaw=-436"
				87/12/09	9 D0Y=343				
ent # = 8059 /12/09,03:41 Start	D0Y=343 Peak	End times	SMM Pointing:	S24W39		Pitch=+392",Yaw	, Yaw=-560", Roll=0deg	=0deg	H.Ang=44deg
GOES HXRBS 03:41:02 UVSP 04:02	03:41:18	03:4	Peakc/s=65 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=106 Exp #=59553	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+271"	', Үаw=-382"
C338 = #				87/12/10	0 DOY=344				
/12/10,14:10 Start	D0Y=344 Peak	End times	SMM Pointing:	S24W57		Pitch=+391",Yaw	, Yaw=-753", Roll	,Roll=Odeg	H.Ang≕60deg
cal 14:02	14:10	30	tance=C2	\$37W15		Mac.=CSO	Carr.Lon.≖	-195deg	H.Ang=39deg
S 14:03:36 14:07	14:04:12 14:09 14:16	14:09:48 14:18	Peakc/s=71 CaPeak.c/s=56 Peak3c/s=259	Qual=01 Qual= 1	Tot Cts=2096 FePeak=14:08	Maxkev=70 FePeak.c/s=10 Rast=180"x180"	#Peaks=1 Step=10"	dt=11.3s X Cad= 332s 1	XEN=734400 1.024s/pixel

Event # = 87/12/10	. = 8663 0,15:51	D0Y=344		SMM Pointing:	S24W57		Pitch=+391", Yaw	, Yaw=-753", Roll=0deg	1=0deg	H.Ang=60deg
GOES HXRBS UVSP	Start 15:17 15:24:23 16:07	Peak 15:51 15:26:40	End times 16:21 15:27:11	Importance=Cl Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=717 Exp #=59621	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+270"	', Yaw=-579"
Event # 87/12/1	# = 8678 2/10,16:57	DOY=344	nd +	SMM Pointing:	S24W59		Pitch=+391", Yaw	, Yaw=-763", Roll=Odeg	1=0deg	H.Ang=61deg
GOES HXRBS UVSP	3tart 16:51:16 16:40		_	Peakc/s=64 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=8300 Exp #=59622	MaxkeV=128 Rast=180"x1"	Flags=I Step=0"	Pitch=+270"	', Yaw≖-582"
	01401				87/12/1	1 D0Y=345				
Event # 87/12/1	= 21431 1,01:00		- + + + + + + + + + + + + + + + + + + +	SMM Pointing:			Pitch=+267", Yaw=+962", Roll=Odeg	=+962", Rol	}=0deg	
GOES BCS FCS UVSP	3147- 00:16 00:38 00:55	01:00 00:46 00:45	02:27 00:55	<pre>Importance=C1 CaPeak.c/s=33 Peak3c/s=17 Wavelength=1375A</pre>	Qual=03 Qual= 4 Code=00	FePeak=00:54 Exp #=59650	FePeak.c/s=7 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=+273",	XEN=734500 1.024s/pixel ', Yaw=+973"
Event # 87/12/1	# = 8681 7/11,10:59	D0Y=345	Fnd +imes	SMM Pointing:	S24W68		Pitch=+392", Yaw	, Yaw=-826", Roll=Odeg	1=0deg	H.Ang=69deg
GOES HXRBS UVSP	10:58:29 10:58	_	11:01:47	Peakc/s=91 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=2470 Exp #=59666	MaxkeV=158 Rast=180"x1"	Flags=I Step=0"	Pitch=+270"	Pitch=+270",Yaw=-649"
vent 7/12/	Event # = 8682 87/12/11,12:37	D0Y=345		SMM Pointing:	S24W69		Pitch=+392", Yaw	, Yaw=-836", Roll=0deg	1=0deg	H.Ang=71deg
GOES HXRBS UVSP	12:36:20 12:33	_	12:38:	Peakc/s=114 Wavelength=2788A	Qual=00 Qual=03	Tot Cts=4360 Exp #=59668	MaxkeV=128 Rast=180"x1"	Flags=I,EN Step=0" F	:N Pitch=+270'	Pitch=+270",Yaw=-653"
Event # 87/12/	# = 8664 11,13:25	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SMM Pointing:	S24W69		Pitch=+392", Yaw	, Yaw=-836", Roll=0deg	1=0deg	H.Ang=71deg
GOES HXRBS UVSP	Start 13:21 S 13:18:46 13:06	Peak 13:25 5 13:19:33	13:42 13:20:20	Importance=C1 Peakc/s=77 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=4868 Exp #=59669	MaxkeV=188 Rast=180"x1"	Step=0"	Pitch=+270'	Pitch=+270",Yaw=-655"
Event #87/12/	t # = 8665 2/11,14:57 c+art	DOY=345	End times	SMM Pointing:	S24W69		Pitch=+392", Yaw=-836", Roll=Odeg	/=-836", Rol]=0deg	H.Ang=71deg
GOES HXRBS UVSP	14:55:39 14:39		14:59:55	Peakc/s=61 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=12618 Exp #=59671	MaxkeV=128 Rast=180"x1"	Step=0"	Pitch=+270'	Pitch=+270",Yaw=-659"

					87/12/13	3 DOV=347				
vent # = 21432 7/12/13,03:49 Start	: 21432 03:49 art	28	Fnd times	SMM Pointing:	S35E87		Pitch=+559", Yav	, Yaw=+799", Roll=0deg	1=0deg	H.Ang=87deg
GOES 03 BCS 03 FCS 03 UVSP 03	: 40 : 48	03:49 03:47 03:45		Importance=C2 CaPeak.c/s=56 Peak3c/s=250 Wavelength=2788A	Qual=03 Qual= 1 \ Code=00	FePeak=03:45 Exp #=59810	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=99.3s 9 Pitch=+438",	XEN=734700 99.33s/pixel ",Yaw=+728"
	# = 21433 13,06:34 Start	D0Y=347 Peak	Fnd + impo	SMM Pointing:	S35E87		Pitch=+559", Yaw	, Yaw=+799", Roll=0deg	1=0deg	H.Ang=87deg
GOES 06:22 BCS 06:28 FCS 06:55 UVSP 06:55 Radio Sweeps	:22 :28 :55 eps	06:34 0 06:32 0 06:34 Type/Int	7:30 6:56 ensity:	Importance=C2 CaPeak.c/s=54 Peak3c/s=39 Wavelength=2788A III/1	Qual=03 Qual= 1	FePeak*06:30 Exp #=59814	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+438",	XEN=734701 1.024s/pixel ",Yaw=+728"
					87/12/14	4 DOY=348				
~_ ,	= 8666 1,04:25 Start	DOY=348 Peak	End times	SMM Pointing:	S35E87		Pitch=+559", Yaw	, Yaw=+799", Roll	, Roll=Odeg	H.Ang=87deg
Uptical 60ES 04:21 HXRBS 04:21 BCS 04:22 FCS 04:22 UVSP 04:54	:54	2222	04:41 04:25:25 04:33	portance=M1 akc/s=639 Peak.c/s=765 ak3c/s=137; velength=2788	Qual=01 Qual=01 Qual= 1	Tot C FePea	Mac.=EH0 MaxkeV=188 FePeak.c/s=157 Rast=25"x25" Rast=180"x1"	Flags=M1 #Peaks=1 Step=5" Step=0"	dt= 3.8s Cad=25.6s Pitch=+438"	XEN=734800 1.024s/pixel
BCS 04: FCS		04:33 04:33	04:35	CaPeak.c/s=26 Peak3c/s=215	Associated Qual= 5	Event # = 21434 FePeak=04:33	FePeak.c/s=6 Rast=0"x0"	-	dt= 7.7s Cad=65.3s	XEN=734801 65.28s/pixel
**/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/	= 21435 1,21:22 start	D0Y=348 Peak	End times	SMM Pointing:	S34E64		Pitch=+547", Yaw	, Yaw=+722", Roll	, Roll=Odeg	H.Ang=68deg
تع		21:22	:50		\$24E62	AR4908	Mac.=AXX	Carr.Lon.=62deg	:62deg	H.Ang=64deg
BCS 21: FCS UVSP 21:	:21	21:22 21:17	21:27	CaPeak.c/s=51 Peak3c/s=13 Wavelength=1375A	Qual= 1 Code=00	FePeak=21:21 Exp #=59877	FePeak.c/s=9 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s x Cad= 590s 1 Pitch=+516",	XEN=734802 1.024s/pixel ',Yaw=+774"
7 4 4	6600				87/12/15	D0Y=349				
87/12/15,08:59 Start		D0Y=349 Peak	End times	SMM Pointing:	S34E58		Pitch=+545", Yaw	, Yaw=+686", Roll	, Roll=Odeg	H. Ang=64deg
ical S 08:		08:59	29		S35E57	AR4906	Mac.=EHO	Carr.Lon.=60deg		H.Ang=63deg
HXRBS 08:52: BCS 08:56 FCS 09:09	24	08:53:42 08:57 09:07	08:55:28 09:14	Peakc/s=92 CaPeak.c/s=35 Peak3c/s=474	Qual=01 Qual= 1	06	MaxkeV=99 FePeak.c/s=13 Rast=120"x120"	Flags=I #Peaks=1 Step=10"	dt= 7.7s X Cad= 147s 1	XEN=734900 1.024s/pixel
io Swee io Fr	ps equency	Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)		maverengun-2/86A III/2 245/10 1415/33 26	2695/33 499	Exp #=59909 4995/29 8800/10			Pitch=+425"	, Yaw=+605"

				87/12/17	D0Y=351					
Event # = 8668 87/12/17,07:56	3 6 DOY=351		SMM Pointing:	S34E34		Pitch=+539", Yaw=+446", Roll=Odeg	-+446", Roll	=0deg	H.Ang=46deg	
Start		End times				Mac.=CS0				
GOES 07:47 HXRBS 07:48:49 BCS 07:51 FCS 08:13	07:56 49 07:49:02 07:54 08:00	08:28 07:49:30 08:08	Importance=Cl Peakc/s=93 CaPeak.c/s=46 Peak3c/s=34	Qual=01 Qual=01 Qual= 1	Tot Cts=371 FePeak=07:54 Exp #=60000	MaxkeV=70 FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+418",	XEN=735100 1.024s/pixel ",Yaw=+365"	
7.00			66.00	87/12/24						
Event # = 866 87/12/24,04:5		L	SMM Pointing:	N40W01		Pitch=-653", Yaw=-13", Roll=0deg	13", Roll*	opo.	H.Ang=42deg	
Start GOES 04:34 HXRBS 04:43:24 UVSP 04:11	Peak 04:50 24 04:43:49	End times 05:26 04:44:13	Importance=C1 Peakc/s=63 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=207 Exp #=60289	MaxkeV=70 Rast=243"x21"	Step=3"	Pitch=-648",Yaw=+0"	', Yaw=+0"	i
				87/12/26	5 D0Y=360					
Event # = 8670 87/12/26,02:21 Start Optical	1	End	HaClass=IN	\$34E76	AR4912	Mac.=EAO	Carr.Lon.=260deg	=260deg	H.Ang≈77deg	
GÓES 02:13 HXRBS 02:14: UVSP 02:29	.21 02:21 .21 02:18:04	03:06)4 02:19:14	8	Qual=03 Qual=01 Code=02	Tot Cts=6508 Exp #=60342	MaxkeV=99 Rast=180"x1"	Step=0"	Pitch=+424"	", үам=+738"	İ
Event # = 870 87/12/26,03:4)9 14 DOY=360		SMM Pointing:	S34E72		Pitch=+535", Yaw	, Yaw=+770", Roll=0deg	1=0deg	H.Ang≃74deg	
Start P HXRBS 03:44:46 0 UVSP 04:02	Peak :46 03:44:56	End times 56 03:45:10	Peakc/s=83 Wavelength=2788A	Qual=01	Tot Cts=221 Exp #=60344	MaxkeV=395 Rast=180"x1"	Flags=I,NS Step=0" P	S Pitch=+414	Pitch=+414",Yaw=+697"	1
Event # = 8671 87/12/26,18:02	71 02 D0Y=360		SMM Pointing:	S34E64		Pitch=+531", Yaw=+729"	f=+729", Rol	,Roll=Odeg	H.Ang=67deg	
Start Optical		End time		S33E66	AR4912	Mac.=EHI	Carr.Lon.=262deg	=262deg	H.Ang=69deg	
GOES 17:41 HXRBS 17:41:18 UVSP 18:10	18:02 17:41	18:22 :34 17:41:50	Importance=M2 Peakc/s=126 Wavelength=2788A	Qual=02 Qual=01 Code=02	Tot Cts=750 Exp #=60362	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+410	Pitch=+410",Yaw=+658"	
				87/12/2	7 D0Y=361					
Event # = 8672 87/12/27,00:25	72 25 DOY=361	1	SMM Pointing:	S34E61		Pitch=+529",Yaw=+709",Roll=Odeg	4=+709", Rol	1=0deg	H.Ang≖65deg	
Start GOES HXRBS 00:19:13 UVSP 00:28	m	ena 0 00:3	s Peakc/s=103 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=11610 Exp #=60374	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+408	Pitch=+408", Yaw=+636"	İ

3.10 13.10	2000	- + Pag	SMM Pointing:	S34E55		Pitch=+527",Ya	, Yaw=+667", Rol	, Roll=Odeg	H.Ang=60deg
GUES 12:10 BCS 12:13 ECS	12:13 12:13	12:22 12:17	Importance=89 CaPeak.c/s=22	Qual=01 Qual= 5	FePeak=12:13	FePeak.c/s=7	#Peaks=1	dt=11.3s	XEN=736100
SP 12:03			Wavelength=2788A	Code=00	Exp #=60389	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	9	0.256s/pixel ",Yaw=+591"
C#-30 # T-				87/12/28	8 D0Y=362				
Event # = 86/3 87/12/28,04:19 C+art	D0Y=362	End +igos	SMM Pointing:	S34E47		Pitch=+522",Ya	, Yaw=+592", Roll	, Roll=Odeg	H.Ang≈54deg
	7 can	10.	HaClass=SF	S33E50	AR4912	Mac.=EKI	Carr.Lon.=259deg	=259deg	H.Ang=56deg
HXRBS 04:15:33 UVSP 04:43	04:17:01	04:18:14	Peakc/s=80 (Wavelength=2788A	Qual=01	Tot Cts=1323 Exp #=60412	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+400",Yaw=+514	",Yaw=+514"
Event # = 8674 87/12/28,06:13	DOY=362		SMM Pointing:	S34E46		Pitch=+521", Ya	, Yaw=+582", Roll	, Roll=Odeg	H.Ang=53deg
ical	reak 06.13	G	Class=SN	S34E51	AR4912	Mac.=EKI	Carr.Lon.=257deg	=257deg	H.Ang=57deg
WCBS 06:03 06:13 06:31 HXRBS 06:07:55 06:09:34 06:09:55 UVSP 06:16 Radio Frequency(MHz)/Flux(sfu)	06:13 06:09:34 y(MHz)/F	co	~⊗∵	Qual=01 Qual=01 A Code=02 8800/45	Tot Cts=19458 Exp #=60414	MaxkeV=99 Rast=180"x1"	Flags=Ml Step=0"	Pitch=+400"	', Yaw≈+505"
vent # = 8675 7/12/28,15:41 Start	DOY=362	End times	SMM Pointing:	S33E44		Pitch=+503", Yaw	, Yaw=+572", Roll	, Roll=Odeg	H.Ang=51deg
15.30	15.41	1	HaClass=SF	S35E50	AR4912	Mac.=EKI	Carr.Lon.=253deg	=253deg	H.Ang=57deg
HXRBS 15:38:31 UVSP 15:41	15:39:07	15:40:01	cance-c1 c/s=355 ength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=4540 Exp #=60426	MaxkeV=128 Rast=180"x1"	Step=0"	Pitch=+383"	', Yaw=+495"
				87/12/29	9 DOY=363				
Event # = 2143/ 87/12/29,04:04 Stant	00Y=363		SMM Pointing:	S33E37		Pitch=+502", Yaw=+497", Roll=Odeg	w=+497", Roll	l=0deg	H.Ang=46deg
GOES 03:56 (04:04 04:03	04:31 04:07	Importance=B6 CaPeak.c/s=23	Qual=01 Qual= 4	FePeak=04:02	FePeak. C/s=9		dt=11.3s	XEN=736300
P 04:01			₩avelength=1375A	Code=00	Exp #=60464	Kast=U"xU" Rast=10"x10"	Step=0" Step=0"	Cad=.26s Pitch=+541'	0.256s/pixel ",Yaw=+560"
Event # = 8676 87/12/29,07:13 (D0Y=363	Fnd +	SMM Pointing:	S33E36		Pitch=+501", Yaw	, Yaw=+477", Roll	, Roll=Odeg	H.Ang=45deg
	. cur 17.13			\$33E37	AR4912	Mac.=EKI	Carr.Lon.=257deg	²257deg	H.Ang=46deg
HXRBS 07:05:40 (BCS 07:08 (07:06:37 07:10	07:24 07:24	Importance-ti Peakc/s=77 CaPeak.c/s=41	Qual=03 Qual=01 Qual= 1	Tot Cts=1162 FePeak=07:08	MaxkeV=70 FePeak.c/s=14	#Peaks=1	dt=11.3s	XEN=736301
, F	:24 requency(MHz)/Flux(sfu)		Wavelength=2788A 2695/20		Exp #=60469	Rast=180"x1"		Ö	u.256s/p1xe! ",Yaw=+404"

				87/12/30) D0Y=364				
Event # = 21438 87/12/30,01:56	DOY=364	, + + + C	SMM Pointing:	S33E26		Pitch=+496",Yaw=+356",Roll=Odeg	≖+356",Rol	l=Odeg	H.Ang≈39deg
ြဗ	ר מא א ר	Š		\$36E32	AR4912	Mac.=EHI	Carr.Lon.=252deg	=252deg	H.Ang=44deg
GOES 01:48 BCS 01:42	01:56 01:52	02:19	<pre>Importance=L4 CaPeak.c/s=189</pre>	Qual=03 Qual= 1	FePeak=01:50	FePeak.c/s=38	#Peaks=1	dt= 3.8s	XEN=736400
UVSP 01:44			Wavelength=1375A Code=00	Code=00	Exp #=60507	Rast=10"x10"	Step=0"	Pitch=+540",	0.2303/pixel
Event # = 21439 87/12/30,02:59	1_	+	SMM Pointing:	S33E26		Pitch=+496",Yaw=+356",Roll=Odeg	=+356", Rol]=0deg	H.Ang=39deg
354 C 60ES 02:48 BCS 02:56	02:59 02:57 02:57	03:32 03:09	Importance=Cl CaPeak.c/s=28	Qual=04 Qual= 4	FePeak=02:57	FePeak.c/s=7	#Peaks=1	dt= 3.8s	dt= 3.8s XEN=736401
UVSP 02:57			Wavelength=1375A Code=00	Code=00	Exp #=60512	Rast=265"x265"	Step=5"	Pitch=+503	", Yaw=+361"
				87/12/31	ID0Y=365				
Event # = 8677 87/12/31,02:33	DOY=365		SMM Pointing:	S33E13		Pitch=+493", Yaw=+183", Roll=Odeg	=+183", Rol	1=0deg	H.Ang=33deg
Start Optical	Peak		HaClass=SF	S33E14	AR4912	Mac.=EHI	Carr.Lon.=256deg	=256deg	H.Ang=33deg
40ES 02:29 HXRBS 02:31:32 UVSP 02:30 Radio Frequer	. 02:33:51 . 02:31:51 ncy(MHz)/F	02:32 02:31:32 02:31:51 02:32:29 02:30 Frequency(MHz)/Flux(sfu):	Importance=bo qual=01 Peakc/s=81 qual=01 Wavelength=1375A Code=00 245/260 410/29 606/27	Qual=01 Qual=01 Code=00 06/27	Tot Cts=887 Exp #=60577	MaxkeV=70 Rast=265"x265"	Step=5"	Pitch=+500	Pitch=+500",Yaw=+195"
Event # = 21440 87/12/31,21:56	DOY=365	1	SMM Pointing:	S33E03		Pitch=+489", Yaw=+44", Roll=Odeg	+44", Roll	=0deg	H.Ang=30deg
Optical Optical				\$36E10	AR4912	Mac.=EHI	Carr.Lon.=250deg	=250deg	H.Ang=34deg
GOES 21:52 BCS 21:55 FCS	21:55 21:55	22:01 21:58	CaPeak.c/s=20	(ual=01 (ual= 5	FePeak=21:55	FePeak.c/s=7	#Peaks=1	dt= 7.7s	dt= 7.7s XEN=736500
UVSP 21:54			Wavelength=1375A Code=00	Code=00	Exp #=60622	Rast=265"x265"	Step=5"	Pitch=+496	", Yaw=+52"

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mum Mission (SMM) duri experiments are inc luded: Crystal Spectrometer, 4) E Coronagraph/Polarimeter. Satellite (GOES) X-ray da various wavelengths were	ing 1984 through 1987 po 1) Gamma Ray Spectro Bent Crystal Spectrometer, Correlative optical, radic Ita are also presented. Who grouped into discrete flar moting the quality or com	inted observations. D meter, 2) Hard X-Ray, , 5) Ultraviolet Spectro, and Geostationary Care possible, bursts on e events identified by pleteness of the obser	observed by the Solar Maxi- lata from the following SMM Burst Spectrometer, 3) Flat cometer Polarimeter, and 6) Operational Environmental r transients observed in the unique event numbers. Each vations. Spacecraft pointing e also included.
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